

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

DESCRIPTION OF FISH AND WILDLIFE MAP PRODUCTS

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TABLE OF CONTENTS

Introduction	1
Priority Habitats and Species Database	3
General Description	
Resolution and Limitations	
Description and Use of Maps	
Description and Use of Reports	
Wildlife Heritage Database	9
General Description	
Resolution and Limitations	
Description and Use of Maps	
Description and Use of Reports	
Marbled Murrelet Database	12
General Description	
Resolution and Limitations	
Description and Use of Maps	
Spotted Owl Database	13
General Description	
Resolution and Limitations	
Description and Use of Maps	
Old Growth Database	15
General Description	
Resolution and Limitations	
Description and Use of Maps	
StreamNet Database	16
General Description	
Resolution and Limitations	
Description and Use of Maps	

National Wetlands Inventory Database	2
General Description	
Resolution and Limitations	
Description and Use of Maps	
Appendix	
A. Species Codes Sorted by Species Code	21
Species Codes Sorted by Common Name	36
B. Species Use Codes	51
C. Habitat Codes	52
D. Special Criteria Codes	53
E. Special Species Codes	54
F. Information Source Codes	55
G. Example of Priority Habitats and Species Report	56
H. Example of Wildlife Heritage Report	57
I. Hydrologic Unit Codes and Basin List	58
J. WDFW Regional Contacts	60

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

DESCRIPTION OF FISH AND WILDLIFE MAP PRODUCTS

INTRODUCTION

This document describes map products available from the Washington Department of Fish and Wildlife (WDFW) that identifies the locations of important fish, wildlife and habitats. These maps are generated with data developed and maintained by WDFW with Arc/Info geographic information system (GIS) software. Another, more detailed document, describes digital data that are also available. This document covers background information on these data and how to use the map and associated report products that WDFW produces.

Data sets covered in this document contain WDFW's knowledge of fish and wildlife resources and occurrences based on research and field surveys conducted over the past 20 years. It is important to note, however, that priority habitats and species may occur on the ground in areas not currently known to WDFW biologists, or in areas for which comprehensive surveys have not been conducted. Site-specific surveys are frequently necessary to rule out the presence of priority species or habitat types. Information from these data sets are combined on one map product to the extent possible. These data sets are:

Priority Habitats and Species Database - An inventory of key species use areas and key fish and wildlife habitats (usually polygonal) based on expert empirical knowledge. These data include locations of federal and state listed species (threatened, endangered, sensitive, candidate) and other priority non-game and game species.

Wildlife Heritage Database - A database containing significant site observations (point occurrences) of non-game species of concern, including federal and state listed species, obtained by surveys or observations by reputable sources.

Marbled Murrelet Database - Locations of Marbled Murrelet detection sites and areas.

Spotted Owl Database - Locations of Spotted Owl site centers and management circles.

Old Growth Database - A database containing information about 1988 late successional forest stands.

StreamNet Database - A statewide inventory of anadromous and resident fish distribution.

National Wetlands Inventory Database - An inventory identifying wetland and deep water habitats based on data derived from high altitude color infrared aerial photographs. Data is managed by the Washington Department of Ecology.

These data do not represent exhaustive inventories. They are compilations of existing knowledge from field biologists that are updated as knowledge improves. Because these fish and wildlife data are not exhaustive and subject to change, project review for fish and wildlife should not rest solely on mapped priority habitats and species. Instead, they should also consider new information gathered from field investigations.

Also, because the databases are subject to change, these maps should not be used if they are over six months old; please request updated maps rather than use old information.

Some information on specific locations of fish and wildlife is considered sensitive by the Director of WDFW and will be released in a standard format only. This format may be either tabular, digital, and/or displayed on a 1:24,000 map. WDFW standard map format consists of fish and wildlife information displayed for an individual section with a one square mile buffer (nine square miles total). WDFW will release sensitive fish and wildlife information covering an area greater than thirty square miles to the following parties in conjunction with the signing of the sensitive Fish and Wildlife Information Memorandum of Understanding (MOU).

- Government agencies
- Tribes
- Researchers affiliated with an accredited college or university
- Landowners (for their lands), or other parties with permission from the landowner
- Agents of the above parties (e.g., consultants, realtors, etc.)

This MOU indicates that the signatory person or agency recognizes the appropriate guidelines for disseminating sensitive fish and wildlife information. For additional information contact the WDFW at (360) 902-2543.

For more information on WDFW you may visit our web site at www.wa.gov/wdfw or visit the Priority Habitats and Species site at www.wa.gov/wdfw/hab/phspage.htm.

For information on the state's endangered, threatened, and sensitive plants as well as high quality wetland and terrestrial ecosystems, please contact the Washington Department of Natural Resources, Natural Heritage Program at PO Box 47016, Olympia Washington 98504-7016, by phone (360)902-1667 or visit the web site at www.wa.gov/dnr/htdocs/fr/nhp/wanhp.html.

PRIORITY HABITATS AND SPECIES DATABASE

Data Manager: Terry Johnson
(360) 902-2494

General Description

The Washington Department of Fish and Wildlife (WDFW) has developed and maintains the following products:

1. A list of priority habitats and species;
2. Mapped locations of priority habitats and species at 1:24,000 scale. Areas delineated on maps are supported by descriptive information contained in a printed report;
3. A geographic information system that provides access to the mapped and tabular information;
4. Management recommendations for priority habitats and species.

The Priority Habitats and Species (PHS) Database consists of polygons or points that describe occurrences of priority habitats and species. All priority species mapped areas represent known use areas; they are not potential habitats. Priority habitats are areas that support diverse, unique and/or abundant communities of fish and wildlife. Mapped data are accompanied with reports detailing each priority habitat and species.

PHS information is collected by WDFW biologists using the best information available from research efforts, surveys, or field observations. The exact source of each delineated feature is described in the accompanying report. This information represents known occurrences of priority habitats and species not potential or theoretical.

Point locations of priority non-game species are also in the Wildlife Heritage (HRTG) Database and are included with the standard map products. Additionally, some game and non-game fish species are considered priority species; information on their distribution are contained in the StreamNet Database.

Map products are supported by documents titled *Management Recommendations for Washington's Priority Habitats and Species*. These management recommendations are developed with a thorough review of the best scientific literature available. They provide important background information on each species or habitat type and recommendations for conducting land uses that consider the needs of fish and wildlife. When a priority habitat or species occurs in or near a project site, these management recommendations should be consulted to determine how to modify the project in consideration of fish and wildlife needs.

Resolution and Limitations

PHS data are compiled on 1:24,000 scale topographic maps. A code is used on supporting reports, indicating the locational accuracy of each mapped feature. Accuracy ranges from within one-quarter mile to a general area.

WDFW updates this information as additional data become available. Because fish and wildlife species are mobile and because priority habitats and species information changes, project reviews for fish and wildlife should not rest solely on mapped information. Instead, they should also consider new information gathered from current field investigations. Remember, priority habitats and species information can only show that a species or habitat type is present, they cannot show that a species or habitat type is not present. These products should not be used for future projects. Please obtain updates rather than use outdated information.

Priority habitat information on old-growth are not routinely provided. A separate request must be made to obtain these maps. Wetland information displayed on the standard maps largely consist of the US Fish and Wildlife Service National Wetlands Inventory (NWI).

Description and Use of Maps

Detailed 1:24,000 Scale Habitats and Species Maps

The PHS Database and recent (observations since 1978) information from the HRTG Database are shown on the 1:24,000 scale maps. Spotted owl management circles, marbled murrelet detection locations, NWI, seabird colonies, streams (1:100,000 scale resolution) from the StreamNet Database with any species of anadromous fish present, presence of critical spawning habitat for resident fish, and priority fish species are also on the maps. A report is provided to further describe each mapped PHS polygon and HRTG point feature.

The major components of the 1:24,000 scale maps are identified by the diagrams on the following pages with large letters from A-E. Each of these components is explained below.

Map Components

A - This is the body of the map containing spatial information from the PHS Database, HRTG Database, spotted owl management circles, marbled murrelet detection locations, NWI, seabird colonies, streams (1:100,000 scale of resolution) from the StreamNet Database with fish presence and Washington Department of Natural Resources Public Land Survey.

PHS polygons are labeled with a unique number and "+" symbol, roughly in the center of the polygon. This number refers to a list of data form numbers and species codes on a cross reference (PHS Polygon Reference Sheet) report that comes with the map. The data form numbers refer to the report that accompanies the map. The report details each species or habitat depicted by the polygon. **Priority habitat and HRTG points** are shown with various symbols explained in the legend (section D) with a code adjacent to the point.

- B** - This block contains general descriptive information about the map (scale, date, disclaimer, data sources etc.).
- C** - This block provides some limited descriptive information about PHS and HRTG map features displayed in block "A." The sections pertaining to PHS POLYGONS provides a list of all of the form numbers used and their species or habitat codes (SP/HAB), a coded species use (USE), and the common name for the habitat or species (COMMON NAME). More detailed information can be found in the PHS and HRTG reports. The form numbers in this block are printed with the form number prefix (90, 91, etc). This prefix is not displayed with the form number next to a point in the body of the map. The HRTG POINTS section provides the species code (SPCODE), a coded species use (USE) and the common name (COMMON NAME). A complete list of codes and their meanings is provided in the appendices of this document.
- D** - This block provides map legend information.
- E** - This block identifies the title and location of the map.

Description and Use of the PHS Report

The following narrative describes the information provided in the PHS polygon report accompanying the maps. An example page from a report is in Appendix G. The report presents descriptive information about fish and wildlife resources identified on the maps. All pages of the report identify the date the report was created as part of the title block. The PHS Database is subject to change. It is important to know when your report was generated in order to determine if the information has changed since that time.

The title block of the report may identify the data as DRAFT. If it does, the information has not been completely scanned for errors. In most cases, errors consist of misspellings and other minor inconsistencies. If you encounter significant errors, please contact Terry Johnson at (360) 902-2494 or the Department's regional habitat biologist.

The body of the report contains information describing PHS polygon features shown on the maps. The following explains the items listed in the report.

FORM

This is a unique number that "links" the information on the page to features on the maps. One

form can describe multiple polygons on the map. For example, multiple bald eagle territories may be described with one data form. One polygon on the map can also be described by multiple data forms. For example, a location on the ground may be used as a bald eagle territory and described with one form. The same location may also be used for seabird breeding and be described by a second form.

SPECIES/HABITAT

This contains a code which identifies the fish and wildlife species found in the area or the habitat that occurs there. See Appendices A, C, and E for explanations of the codes.

SPECIES USE

How the area is used by the species is coded in this field. Explanations of the codes can be found in Appendix B. This field is not used if a habitat is described.

SEASON

Use of areas by fish and wildlife may be seasonal. This identifies those seasons. The field is five characters long corresponding to the seasons WINTER, SPRING, SUMMER, FALL, and SEVERE WINTER. The letters "W" for winter, "S" for spring, "U" for summer, "F" for fall, and "W" for severe winter (in the fifth column), indicate the season(s) of use. For example, "WSUFW" indicates use all year round and in severe winters. "W FW" indicates use during winter, fall, and severe winter. An " SU " indicates use during spring and summer. This field is not used if a habitat is described.

DEFINITION

This identifies the definitions or criteria used to classify the area as a priority (this item only included with reports for quadrangle and township overlay maps). In most cases, the definitions are consistent statewide, (described as "Priority Area" in the *Priority Habitats and Species List* published by WDFW) but there may be some exceptions particularly between eastern and western Washington. This field identifies the WDFW region number 1-6, because definitions within a region are as consistent as possible. Special qualifiers may be used to further clarify the definition. The codes for these qualifiers are described in Appendix D.

MAP ACCURACY

This identifies the accuracy of the line delineation as determined by the mapper.

- 1 - accurate within a quarter mile
- 2 - accurate within a half mile
- 3 - location known to within 1 mile
- 4 - location known to general locality only

SITENAME

Mappers assigned a name to the area based generally on a local place name.

GENERAL DESCRIPTION

This provides a general description about the area mapped including how it is used and why

it is important.

SOURCE OF INFORMATION

This portion of the report identifies and describes the source responsible for the information described on the form and drawn on the map. Single or multiple sources may be cited. Appendix F provides relevant code definitions.

1:100,000 Scale Habitats and Species Maps

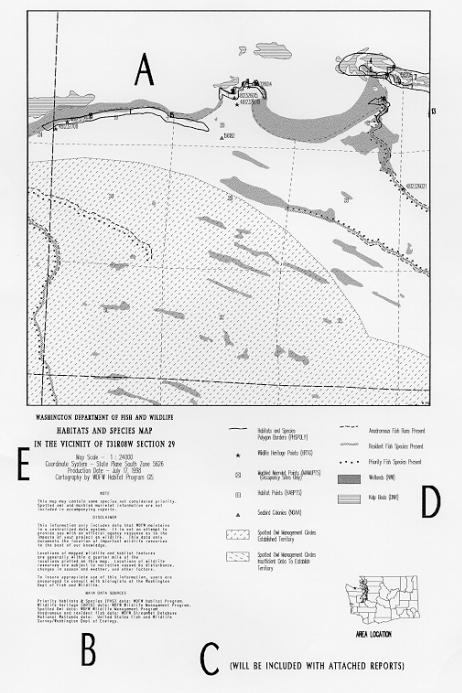
The maps are at a scale of 1:100,000 and they overlay the USGS 1:100,000 quadrangle maps. Maps contain locational information for a specified single species or a single habitat type, transportation and utilities, and major public lands. This format is used when information about a specific species or habitat type is required.

A report that describes fish and wildlife resources is not available with the 1:100,000 scale maps. If more detailed information is needed please request either digital data or the 1:24,000 scale habitats and species maps (see description on previous pages of this document).

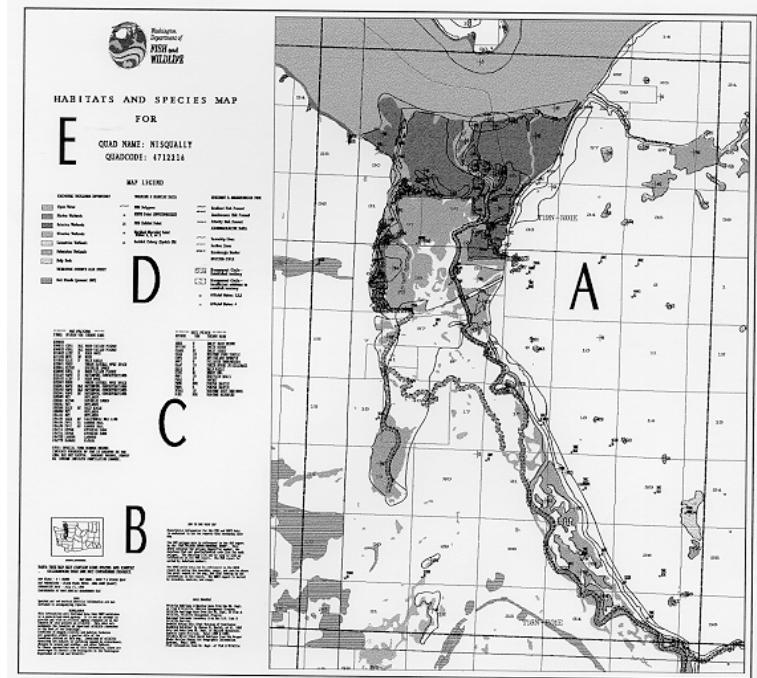
Habitats and Species Summary Maps by County

The maps are a summary of the information and not at any particular scale. The maps contain summary information of priority habitat and species sites and areas (species and habitat type are not identified), transportation and utilities, and NWI areas. This format is used when highly accurate locational data are not required and data for a large area are requested.

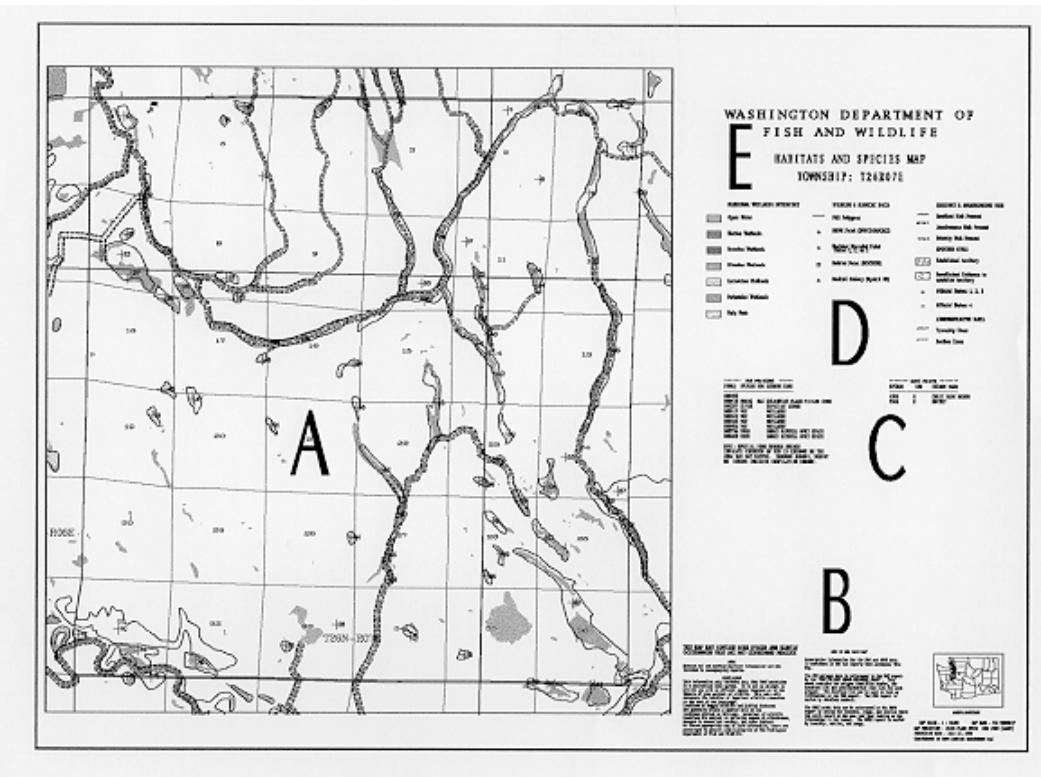
A report that describes fish and wildlife resources is not available with the summary county maps. If more detailed information is needed please request either digital data or the 1:24,000 scale habitats and species maps (see description on previous pages of this document).



1:24000 scale vicinity map (9 sections)



1:24000 scale quadrangle map (based on USGS 7.5' quad)



1:24000 scale township map

WILDLIFE HERITAGE DATABASE

Data Manager: Tom Owens
(360) 902-2489

General Description

The Wildlife Heritage (HRTG) Database contains information on documented point observations of non-game species of concern, state and federal listed species including those designated as endangered, threatened, sensitive, candidate, and monitor. This database was developed in the early 1980s and formed the beginning of the Priority Habitats and Species (PHS) Database. Together, PHS and HRTG provide locational information on important fish and wildlife.

HRTG data are collected by a variety of means from field surveys to reports from reputable sources. Scope of the database is statewide and encompasses over 230 species. The database is continually being updated. High priority species are surveyed either every year or every five years. Lower priority species are surveyed as field logistics allow or on a less rigorous schedule.

Resolution and Limitations

Positionally accurate data for current observations are represented as point locations. These data are at least accurate to within a quarter section of the Public Land Survey (PLS). Older and less positionally accurate data are reported by PLS section.

Only the most current (1978 and later) and accurately known data will be supplied as points on standard map products. All other information will only be provided in response to special requests. Using the older information requires consultation with Washington Department of Fish and Wildlife (WDFW) biologists.

This database contains information on species locations with direct regulatory implications. It is updated constantly, therefore, these maps should not be used for future projects. Please obtain updated maps rather than use outdated information.

Description and Use of Maps

The HRTG Database is available as maps at 1:24,000 scale. They are combined on a single map with information from the PHS Database. See map descriptions under the PHS section for further details. A report that describes each point on the map is included. This report is different than that produced for the PHS Database because the descriptive items are not the same.

Description and Use of the HRTG Report

Points on the map that are listed in the map legend as HRTG Points are detailed in an independent report. Points are referenced in this report by township, section, and range (TSR) that is determined from the map and organized by quadcode. Following is the descriptive information included in the report (an example of this report is in Appendix H).

QUADPT

This contains a sequential number within a US Geological Survey (USGS) 7.5-minute quadrangle used to uniquely identify a point.

SPPCODE

This contains a code which identifies the fish and wildlife species. Explanations of the codes can be found in Appendix A.

CRIT

Criteria identifying how the area is used by the indicated species. Explanation of the codes can be found in Appendix B.

NAME

This identifies the common name for the fish and wildlife species.

YEAR

This contains year of the observation.

CLASS

This contains a code that separates animals into general groups.

AA - artificial animal (nest platform not used yet)

GA - game animal

SA - special animal

ZA - zapped animal (an occurrence lost to windthrow, development etc.)

ACCURACY

Mapping accuracy

C - accurate to within 1/4 mile radius and confirmed by a reliable source.

U - accurate to within 1/4 mile radius and unconfirmed by a reliable source.

N - accurate to within one mile radius

G - location known to a general locality.

STATE STATUS

This contains state listing status.

SE - state endangered
ST - state threatened
SS - state sensitive
SC - state candidate
SM - state monitor

FEDERAL STATUS

This contains federal listing status.

FE - federal endangered
FT - federal threatened
FC - federal candidate

REGION

This contains WDFW administrative region number 1-6. This item is only included with reports for the quadrangle and township overlay maps.

QUADCODE

This contains a unique USGS 7.5-minute quadrangle map number derived from degrees latitude, degrees longitude, number of 7.5 cells north from lat/long origin, number of 7.5 cells west from lat/long origin. This item is only included with reports for the quadrangle overlay map.

QUADNAME

This contains the name of USGS 7.5-minute quadrangle as published. This item is only included with reports for the quadrangle overlay map.

TRS

This contains the legal description of the species occurrence.

GENERAL DESCRIPTION

This contains the common name of species followed by description of location.

MARBLED MURRELET DATABASE

Data Manager: Tom Owens
(360) 902-2489

General Description

The Washington Department of Fish and Wildlife (WDFW) maintains information on marbled murrelet occupancy detection locations, detection areas and detection sections. Data are collected by a variety of means from field surveys to reports from reputable sources. The database is continually being updated.

Resolution and Limitations

Positionally accurate data for observations are represented as point locations. These data are at least accurate to within a 1/16 section of the Public Land Survey (PLS).

Map products are designed for users external to the forest practice permit process and as such does not reflect all the information pertinent to forest practice review. The Forest Practice Rules adopted August 22, 1997 by the Forest Practice Board and administered by the Washington Department of Natural Resources require forest practice applications to be screened against marbled murrelet detection areas and detection sections. Marbled murrelet detection locations are included in the standard map products, but the detection areas and detection sections are not included. If your project is affected by Forest Practice Regulations, you should specially request murrelet detection areas.

This database contains information on species locations with direct regulatory implications. It is updated constantly, therefore, these maps should not be used for future projects. Please obtain updated maps rather than use outdated information.

Description and Use of Maps

Marbled Murrelet detection locations are combined on a single map with information from the Priority Habitats and Species (PHS) Database. See map descriptions under the PHS section for further details. A report detailing information on marbled murrelets is not included with the standard map products. If specific details on marbled murrelet detection locations are required they must be requested from the data manager.

SPOTTED OWL DATABASE

Data Manager: Tom Owens
(360) 902-2489

General Description

The US Fish and Wildlife Service and Washington Department of Natural Resources (DNR) are the primary regulatory agencies managing impacts to spotted owls. These agencies have adopted a management circle approach for assessing the remaining suitable habitat surrounding documented spotted owls. Spotted owl observations are evaluated by Washington Department of Fish and Wildlife (WDFW) biologists and organized to comprise the most accurate representation of owl territories based on type of observation, dispersal distances, habitat characteristics, and topography. The most recent related observation is designated the spotted owl site center. From this site center location a radius of 9504 feet (1.8 miles) is used for owl sites east of the I-5 corridor or 14256 feet (2.7 miles) is used west of I-5 to evaluate the amount of remaining habitat. The different radii reflect differences in home range sizes used by owls as determined by radio-telemetry studies.

Spotted owl survey results are sent in to WDFW where owl locations are compared to existing spotted owl site centers. If the new locations are sufficiently distant from established site centers, a new site is established. If the new observation is geographically related to a existing site center, has equivalent or greater biological significance, and is more current than the observation used to establish the existing site center, the site center is moved to the location of the new observation and the site center datum is encoded with the new biological status and observation date. If the new observation is geographically related to a existing site center, but does not have equivalent or greater biological significance relative to the observation used to establish and existing site center, the site center remains unchanged.

Resolution and Limitations

Survey data are digitized from 1:24,000 US Geological Survey quadrangle maps. The spotted owl site center database and its associated files are continually being updated from information received from WDFW, DNR, and timber industry survey efforts. Data from previously unsurveyed areas or of higher biological status receive data processing priority over geographically or biologically redundant data.

This database contains information on species locations with direct regulatory implications. It is updated constantly, therefore, these maps should not be used for future projects. Please obtain updated maps rather than use outdated information.

Description and Use of Maps

Areas potentially impacted by spotted owl management concerns are combined on a single map with information from the Priority Habitats and Species (PHS) Database. See map descriptions under the PHS section for further details. A report detailing information on spotted owls is not included with the standard map products. If specific details on spotted owl site centers are required they must be requested from the data manager.

OLD GROWTH DATABASE

Data Manager: Shelly Snyder
(360) 902-2483

General Description

The Washington Department of Fish and Wildlife (WDFW) undertook an old growth inventory and mapping project as part of the overall Remote Sensing Program in 1986. WDFW uses remote sensing technology for wildlife habitat mapping and for research into habitat use by animals. The driving force behind this project was the need for forest stand type mapping for use in spotted owl habitat preference research, and management applications for elk and mountain goats. The objective was to improve the mapping of forest stand type categories in western Washington using digital Landsat Satellite data.

Resolution and Limitations

The Landsat data and other data analysis were done by WDFW personnel between 1986 and 1989 and is available for most of western Washington (excluding coastal lowlands). If a more detailed description of the Old Growth Database is needed please request the following document: *The Status of Old Growth in Western Washington: A Landsat Perspective* by James R. Eby and Michelle C. Snyder, January 1990.

Description and Use of Maps

Old Growth Maps are at a scale of 1:24,000 and overlay the US Geological Survey 7.5 minute quadrangle maps. The maps contain information about late successional timber stands which are divided into three types, old growth, large saw timber, and small saw timber. Old growth is defined as coniferous forest stands where there are more than eight dominant trees per acre being thirty inches or more in diameter, codominant trees are sixteen or more inches in diameter, and where there is a deep multi storied canopy not completely closed. Large saw timber is defined as coniferous forest stands where there are ten or more dominant trees per acre being twenty to thirty inches in diameter, codominant trees are fourteen inches or more in diameter, and where there is a canopy of two or three layers being almost closed. Small saw timber is defined as coniferous forest stands where the dominant trees are fourteen to twenty inches in diameter, with a canopy of one or two layers and completely closed. Maps also contain major rivers, township boundaries and section boundaries. Old growth maps are not included with the standard habitats and species requests, they must be requested separately.

STREAMNET DATABASE

Data Manager: Martin Hudson
(360) 902-2487

General Description

The StreamNet Database (formerly known as the Washington Rivers Information System - WARIS) contains statewide fish information at 1:100,000 scale. StreamNet was originally conceived in 1984 for hydropower planning but was later expanded during 1991 to provide administrators with the more detailed information required to meet other growing natural resource planning needs. The project goal is to meet these needs by providing information that is descriptive, current and standardized for use in GIS and tabular based environments while giving significant analytical capabilities on both. A stream reach ranking system is also maintained to support current regional hydropower regulatory requirements.

The StreamNet Database is one part of a four state database that began with the 1984 Pacific Northwest Rivers Study and the Northwest Environmental Database (NED). This effort is funded primarily by the Bonneville Power Administration in cooperation with the states of Idaho, Montana, Oregon and Washington. In 1995 NED was merged with CIS (Coordinated Information System) to form the greater StreamNet Project managed by Pacific States Marine Fisheries Commission. StreamNet is presently supported locally by the Washington Department of Fish and Wildlife (WDFW) with update assistance provided by several Washington Indian Tribes and other state and federal agencies. In addition, WDFW provides technical support via database management and hardware and software support.

Information in StreamNet includes the National EPA 1:100,000 scale streams with major lakes and double banked streams; anadromous and resident fish presence with known spawning and rearing; and hydropower protected area designations for fish. Future categories may include riparian and in-stream habitat information.

Resolutions and Limitations

StreamNet information is available statewide at 1:100,000 scale of resolution and is the product of 1989-1997 data collection efforts.

The anadromous fish data represent a data compilation effort involving fish experts from many different agencies and organizations. Resident fish information is generalized to a river reach. More site-specific resident fish information is not available through this data set. The resident fish information were compiled largely by interviews with WDFW biologists, so it is less comprehensive. About 50 percent of the 1:100,000 scale streams have known resident fish resources that have been described; the rest are unknown.

Because of the complexity of this fish data, only limited components are available on the standard maps.

No report detailing fish resources by river reach is available at this time. For detailed information on the distribution of individual species or other details, either digital data must be obtained or a request for that information must be made of the StreamNet data manager.

Description and Use of Maps

Currently, five map products are available to display the most commonly needed fish information in StreamNet. Four of these maps display data for a hydrologic unit (river basin) to reflect the natural organization of the river network and encourage a basin approach to management (a list of hydrologic units by river basin is in Appendix I). A 1:100,000 scale hydrography layer provides the base for all StreamNet maps. The layer is a computerized reproduction of all surface water features on 1:100,000 scale US Geological Survey maps. The following standard products are available:

Detailed 1:24,000 Scale Habitats and Species Maps

Presence of anadromous, resident, and priority fish species from StreamNet are combined on a single map with information from the Priority Habitats and Species (PHS) and Wildlife Heritage (HRTG) Databases. Streams that contain anadromous, resident, and priority fish are highlighted. This map does not display or provide a report for the individual fish species that utilize each river reach, information on the distribution of individual species are present in the database and may be specially requested from the data manager. See the PHS and HRTG sections for using the maps.

Anadromous Fish Maps

Map displays anadromous fish distribution for a major river basin or for a county (these maps average 3' x 4' in size). Streams that contain anadromous fish are highlighted. Although this map does not display the individual anadromous species that utilize each river reach, data on the distribution of individual species are present in the database and may be specially requested.

A point (see map legend for point symbols) denotes the actual location of the upper extent of anadromous use in a river/stream system. This upper extent point often corresponds to a physical blockage; if so, the type of blockage and its passability (I = impassable, P = passable) are noted on the map. Many upper extent points may appear along a river/stream system for various species. A search upstream will indicate the absolute upper most extent of anadromous range.

Point locations of production facilities and codes noting the type of the facility and passage facilities (e.g., fish ladders) are on the map. The legend defines all codes displayed on the map.

Ancillary data displayed on the map include: 1:100,000 scale quadrangle boundaries, township and section boundaries from the Public Land Survey, and major roads.

A report detailing anadromous fish resources by river reach is not available at this time. For detailed information on the distribution of individual species or other details, either digital data must be obtained or a request for that information must be made of the StreamNet data manager.

Resident Fish Maps

This map displays the presence of critical spawning habitat for one or more species for a major river basin or for a county (these maps average 3' x 4' in size).

Ancillary data displayed on the map include: 1:100,000 scale quadrangle boundaries, township and section boundaries from the Public Land Survey, and major roads.

A report detailing resident fish resources by river reach is not available at this time. For detailed information on the distribution of individual species, habitat parameters, or other details, either digital data must be obtained or a request for that information must be made of the StreamNet data manager.

Priority Fish Species Maps

Map displays by a major river basin or for a county the presence of anadromous and resident fish species identified as priority by WDFW (these maps average 3' x 4' in size). These fish species meet at least one of the three criterion for listing a species as priority. See the *Priority Habitats and Species List* (available upon request or on our web site at www.wa.gov/wdfw/hab/phspage.htm) published by WDFW for details on the criteria for which species are considered priority.

Ancillary data displayed on the map include: 1:100,000 scale quadrangle boundaries, township and section boundaries from the Public Land Survey, and major roads.

A report detailing priority fish resources by river reach is not available at this time. For detailed information on the distribution of individual species, habitat parameters, or other details, either digital data must be obtained or a request for that information must be made of the StreamNet data manager.

Anadromous or Resident Fish Single Species Maps

Map displays anadromous or resident fish distribution for a major river basin or for a county (these maps average 3' x 4' in size). Streams that contain a specified species are highlighted. A map for an anadromous species will include a point that denotes the upper extent of anadromous use in a river/stream system (see map legend for point symbol codes). Point locations of production facilities and codes noting the type of the facility and passage facilities (e.g., fish ladders) for anadromous fish are on the map. The legend defines all codes displayed on the map.

Ancillary data displayed on the map include: 1:100,000 scale quadrangle boundaries, township and section boundaries from the Public Land Survey, and major roads.

A report detailing anadromous or resident fish resources by river reach is not available at this time. For detailed information on the distribution of individual species, habitat parameters, or other details, either digital data must be obtained or a request for that information must be made of the StreamNet data manager.

NATIONAL WETLANDS INVENTORY DATABASE

Data Manager: Washington Department
of Ecology (360)407-6000

General Description

The National Wetlands Inventory (NWI) Database is an inventory system developed in 1974 by US Fish and Wildlife Service. Mapped at a scale of 1:24,000 or 1:62,000, NWI identifies wetlands and deep water habitats as either polygons or linear features. Attached to the mapped wetlands are descriptive codes based on the Cowardin classification system (Cowardin et al., 1979). Under the Cowardin system, wetlands are classified within a hierachial organization according to plants, soils, and frequency of flooding. The NWI data is managed by the Washington Department of Ecology.

Resolution and Limitations

NWI data is collected through stereoscopic analysis of high altitude color infrared aerial photographs. Because the methodology and scope of work impose limitations on the accuracy of the data, there is an inherent margin of error. As there has been no attempt in the design of the inventory system to delineate wetland boundaries, the maps should not be used for regulatory purposes. They are useful as an initial means of identifying the general location and extent of wetlands within a region, and when used in conjunction with hydric soils maps and aerial surveys, as a starting point for developing more detailed wetland inventories.

Description and Use of Maps

The NWI information are combined on a single map with information from the Priority Habitats and Species (PHS) Database. See map descriptions under the PHS section for further details.

Appendix A. Species Codes

WDFW SPECIES CODES SORTED BY SPECIES CODE

<u>CODE</u>	<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>
ACAL	CHISELMOUTH	<i>ACROCHEILUS ALUTACEUS</i>
ACCO	COOPER'S HAWK	<i>ACCIPITER COOPERII</i>
ACGE	NORTHERN GOSHAWK	<i>ACCIPITER GENTILIS</i>
ACMA	SPOTTED SANDPIPER	<i>ACTITIS MACULARIA</i>
ACME	GREEN STURGEON	<i>ACIPENSER MEDIOSTRIS</i>
ACST	SHARP-SHINNED HAWK	<i>ACIPENSER STRIATUS</i>
ACTR	WHITE STURGEON	<i>ACIPENSER TRANSMONTANUS</i>
ADBR	CALIFORNIA SISTER	<i>ADELPHIA BREDOVII CALIFORNICA</i>
AEAC	NORTHERN SAW-WHET OWL	<i>AEGOLIUS ACADICUS</i>
AECL	CLARK'S GREBE	<i>AECHMOPHORUS CLARKII</i>
AEFU	BOREAL OWL	<i>AEGOLIUS FUNEREUS</i>
AEOC	WESTERN GREBE	<i>AECHMOPHORUS OCCIDENTALIS</i>
AESA	WHITE-THROATED SWIFT	<i>AERONAUTES SAXATALIS</i>
AGBE	BELLER'S GROUND BEETLE	<i>AGONUM BELLERI</i>
AGPH	RED-WINGED BLACKBIRD	<i>AGELAIUS PHOENICEUS</i>
AISP	WOOD DUCK	<i>AIX SPONSA</i>
ALAL	MOOSE	<i>ALCES ALCES</i>
ALAR	EURASIAN SKYLARK	<i>ALAUDA ARVENSIIS</i>
ALCH	CHUKAR	<i>ALECTORIS CHUKAR</i>
ALNE	NEWCOMB'S LITTORINE SNAIL	<i>ALGAMORDA NEWCOMBIANA</i>
ALSA	AMERICAN SHAD	<i>ALOSA SAPIDISSIMA</i>
AMBE	SAGE SPARROW	<i>AMPHISPIZA BELLI</i>
AMBI	BLACK-THROATED SPARROW	<i>AMPHISPIZA BILINEATA</i>
AMGR	NORTHWESTERN SALAMANDER	<i>AMBYSTOMA GRACILE</i>
AMLE	LECONTE'S SPARROW	<i>AMMOZPIZA LECONTEII</i>
AMMA	LONG-TOED SALAMANDER	<i>AMBYSTOMA MACRODACTYLOM</i>
AMRU	ROCK BASS	<i>AMBLOPLITES RUPESTRIS</i>
AMSA	GRASSHOPPER SPARROW	<i>AMMODRAMUS SAVANNARUM</i>
AMTI	TIGER SALAMANDER	<i>AMBYSTOMA TIGRINUM</i>
AMVI	ROADSIDE SKIPPER	<i>AMBLYSCIRTES VIALIS</i>
ANAAM	AMERICAN WIGEON	<i>ANAS AMERICANA</i>
ANAC	NORTHERN PINTAIL	<i>ANAS ACUTA</i>
ANAL	GREATER WHITE-FRONTED GOOSE	<i>ANSER ALBIFRONS</i>
ANAM	PRONGHORN	<i>ANTILOCAPRA AMERICANA</i>
ANCA	CALIFORNIA FLOATER	<i>ANODONTA CALIFORNIENSIS</i>
ANCL	NORTHERN SHOVELER	<i>ANAS CLYPEATA</i>
ANCR	GREEN-WINGED TEAL	<i>ANAS CRECCA</i>
ANCY	CINNAMON TEAL	<i>ANAS CYANOPTERA</i>
ANDI	BLUE-WINGED TEAL	<i>ANAS DISCORS</i>
ANPA	PALLID BAT	<i>ANTROZOOUS PALLIDUS</i>
ANPE	EURASIAN WIGEON	<i>ANAS PENELAPE</i>
ANPL	MALLARD	<i>ANAS PLATYRHYNCHOS</i>
ANRU	AMERICAN BLACK DUCK	<i>ANAS RUBRIPES</i>
ANRUBE	AMERICAN PIPIT	<i>ANTHUS RUBESCENS</i>
ANSP	WATER PIPIT	<i>ANTHUS SPINOLETTA</i>
ANST	GADWALL	<i>ANAS STREPERA</i>
APCO	SCRUB JAY	<i>APHELOCOMA COERULESCENS</i>
APRU	MOUNTAIN BEAVER	<i>APLODONTIA RUFA</i>
APVI	SURFBIRD	<i>APHRIZA VIRGATA</i>

<u>CODE</u>	<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>
AQCH	GOLDEN EAGLE	<i>Aquila chrysaetos</i>
ARAL	BLACK-CHINNED HUMMINGBIRD	<i>Archilochus alexandri</i>
AREIN	RUDDY TURNSTONE	<i>Arenaria interpres</i>
ARHE	GREAT BLUE HERON	<i>Ardea herodias</i>
ARME	BLACK TURNSTONE	<i>Arenaria melanocephala</i>
ASFL	SHORT-EARED OWL	<i>Asio flammeus</i>
ASOT	LONG-EARED OWL	<i>Asio otus</i>
ASTR	TAILED FROG	<i>Ascaphus truei</i>
ATCU	BURROWING OWL	<i>Athene cunicularia</i>
AYAF	LESSER SCAUP	<i>Aythya affinis</i>
AYAM	REDHEAD	<i>Aythya americana</i>
AYCO	RING-NECKED DUCK	<i>Aythya collaris</i>
AYFU	TUFTED DUCK	<i>Aythya fuligula</i>
AYMA	GREATER SCAUP	<i>Aythya marila</i>
AYVA	CANVASBACK	<i>Aythya valisineria</i>
BAAC	MINKE WHALE	<i>Balaenoptera acutorostrata</i>
BABO	SEI WHALE	<i>Balaenoptera borealis</i>
BAGL	BLACK RIGHT WHALE	<i>Balaena glacialis</i>
BALO	UPLAND SANDPIPER	<i>Bartramia longicauda</i>
BAMU	BLUE WHALE	<i>Balaenoptera musculus</i>
BAPH	FIN WHALE	<i>Balaenoptera physalus</i>
BEBA	NORTH PACIFIC BOTTLE-NOSED WHALE	<i>Berardius bairdii</i>
BOAS	ASTARTE FRITILLARY	<i>Boloria astarte</i>
BOBE	MEADOW FRITILLARY	<i>Boloria bellona</i> ssp.
BOCE	CEDAR WAXWING	<i>Bombycilla cedrorum</i>
BOFR	FREYA'S FRITILLARY	<i>Boloria freija</i>
BOGA	BOHEMIAN WAXWING	<i>Bombycilla garrulus</i>
BOLE	AMERICAN BITTERN	<i>Botaurus lentiginosus</i>
BOSE	SILVER-BORDERED BOG FRITILLARY	<i>Boloria selene</i> atrocostalis
BOUM	RUFFED GROUSE	<i>Bonasa umbellus</i>
BRBE	BRANT	<i>Branta bernicla</i>
BRBR	KITTLITZ'S MURRELET	<i>Brachyramphus brevirostris</i>
BRCA	CANADA GOOSE	<i>Branta canadensis</i>
BRCAF	VANCOUVER CANADA GOOSE	<i>Branta canadensis fulva</i>
BRCAL	ALEUTIAN CANADA GOOSE	<i>Branta canadensis leucopareia</i>
BRCAMI	CACKLING CANADA GOOSE	<i>Branta canadensis minima</i>
BRCAMO	WESTERN CANADA GOOSE	<i>Branta canadensis moffitti</i>
BRCAO	DUSKY CANADA GOOSE	<i>Branta canadensis occidentalis</i>
BRCAT	TAVERNER'S CANADA GOOSE	<i>Branta canadensis taverneri</i>
BRMA	MARBLED MURRELET	<i>Brachyramphus marmoratus</i>
BUAL	BUFFLEHEAD	<i>Bucephala albeola</i>
BUBO	WESTERN TOAD	<i>Bufo boreas</i>
BUCL	COMMON GOLDENEYE	<i>Bucephala clangula</i>
BUIB	CATTLE EGRET	<i>Bubulus ibis</i>
BUIS	BARROW'S GOLDENEYE	<i>Bucephala islandica</i>
BUJA	RED-TAILED HAWK	<i>Buteo jamaicensis</i>
BULA	ROUGH-LEGGED HAWK	<i>Buteo lagopus</i>
BULI	RED-SHOULDERED HAWK	<i>Buteo lineatus</i>
BUPL	BROAD-WINGED HAWK	<i>Buteo platypterus</i>
BURE	FERRUGINOUS HAWK	<i>Buteo regalis</i>
BUST	GREEN-BACKED HERON	<i>Butorides striatus</i>
BUSW	SWAINSON'S HAWK	<i>Buteo swainsoni</i>
BUVI	GREAT HORNED OWL	<i>Bubo virginianus</i>
BUVIRE	GREEN HERON	<i>Butorides virescens</i>

<u>CODE</u>	<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>
BUWO	WOODHOUSE'S TOAD	<i>BUFO WOODHOUSEI</i>
CAAC	SHARP-TAILED SANDPIPER	<i>CALIDRIS ACUMINATA</i>
CAAF	IMMACULATE GREEN HAIRSTREAK	<i>CALLOPHRYS AFFINUS AFFINIS</i>
CAALP	DUNLIN	<i>CALIDRIS ALPINA</i>
CAAN	ANNA'S HUMMINGBIRD	<i>CALYpte ANNA</i>
CAAU	GOLDFISH	<i>CARASSIUS AURATUS</i>
CAAUR	TURKEY VULTURE	<i>CATHARTES AURA</i>
CABA	BAIRD'S SANDPIPER	<i>CALIDRIS BAIRDII</i>
CACA	LONGNOSE SUCKER	<i>CATOSTOMUS CATOSTOMUS</i>
CACAL	CALIFORNIA QUAIL	<i>CALLIPEPLA CALIFORNICA</i>
CACANU	RED KNOT	<i>CALIDRIS CANUTUS</i>
CACAR	LOGGERHEAD SEA TURTLE	<i>CARETTA CARETTA</i>
CACAS	CASSIN'S FINCH	<i>CARPODACUS CASSINII</i>
CACO	BRIDGELIP SUCKER	<i>CATOSTOMUS COLUMBIANUS</i>
CADUDU	BRAMBLE GREEN HAIRSTREAK	<i>CALLOPHRYS DUMETORUM DUMETORUM</i>
CADUOR	OREGON GREEN HAIRSTREAK	<i>CALLOPHRYS DUMETORUM OREGONENSIS</i>
CAFL	COMMON REDPOLL	<i>CARDUELIS FLAMMEA</i>
CAFU	VEERY	<i>CATHARUS FUSCESCENS</i>
CAFUS	WHITE-RUMPED SANDPIPER	<i>CALIDRIS FUSCICOLLIS</i>
CAGU	HERMIT THRUSH	<i>CATHARUS GUTTATUS</i>
CAHI	STILT SANDPIPER	<i>CALIDRIS HIMANTOPUS</i>
CALA	LAPLAND LONGSPUR	<i>CALCARIUS LAPONICUS</i>
CALAL	SANDERLING	<i>CALIDRIS ALBA</i>
CALAT	COYOTE	<i>CANIS LATTRANS</i>
CALFE	CURLEW SANDPIPER	<i>CALIDRIS FERRUGINEA</i>
CALPU	SEMIPALMATED SANDPIPER	<i>CALIDRIS PUSILLA</i>
CALU	GRAY WOLF	<i>CANIS LUPUS</i>
CAMA	LARGESCALE SUCKER	<i>CATOSTOMUS MACROCHEILUS</i>
CAMAU	WESTERN SANDPIPER	<i>CALIDRIS MAURI</i>
CAME	LARK BUNTING	<i>CALAMOSPIZA MELANOCORYS</i>
CAMEL	PECTORAL SANDPIPER	<i>CALIDRIS MELANOTOS</i>
CAMI	LEAST SANDPIPER	<i>CALIDRIS MINUTILLA</i>
CAOR	CHESTNUT-COLLARED LONGSPUR	<i>CALCARIUS ORNATUS</i>
CAPAMA	ARCTIC SKIPPER	<i>CARTEROCEPHALUS PALAEMON MANDAN</i>
CAPI	PINE SISKIN	<i>CARDUELIS PINUS</i>
CAPL	MOUNTAIN SUCKER	<i>CATOSTOMUS PLATYRHYNCHUS</i>
CAPS	LESSER GOLDFINCH	<i>CARDUELIS PSALTRIA</i>
CAPT	ROCK SANDPIPER	<i>CALIDRIS PTILOCNEMIS</i>
CARME	HOUSE FINCH	<i>CARPODACUS MEXICANUS</i>
CARPU	PURPLE FINCH	<i>CARPODACUS PURPUREUS</i>
CASAL	GREAT EGRET	<i>CASMERODIUS ALBUS</i>
CASCAN	BEAVER	<i>CASTOR CANADENSIS</i>
CASE	WILLET	<i>CATOPTROPHORUS SEMIPALMATUS</i>
CASHNE	CANYON GREEN HAIRSTREAK	<i>CALLOPHRYS SHERIDANII NEOPERPLEXA</i>
CASK	SOUTH POLAR SKUA	<i>CATHARACTA SKUA</i>
CASP	SALISH SUCKER	<i>CATOSTOMUS SP.</i>
CATME	CANYON WREN	<i>CATHERPES MEXICANUS</i>
CATR	AMERICAN GOLDFINCH	<i>CARDUELIS TRISTIS</i>
CAUR	NORTHERN FUR SEAL	<i>CALLORHINUS URSINUS</i>
CAUS	SWAINSON'S THRUSH	<i>CATHARUS USTULATUS</i>
CEAL	BELTED KINGFISHER	<i>CERYLE ALCYON</i>
CEAM	BROWN CREEPER	<i>CERTHIA AMERICANA</i>
CEAREC	BRANDED AZURES	<i>CELASTRINA ARGIOLOGUS ECHO</i>
CECO	PIGEON GUILLEMOT	<i>CEPPHUS COLUMBA</i>

<u>CODE</u>	<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>
CEEL	ELK	<i>CERVUS ELAPHUS</i>
CEELN	ROCKY MOUNTAIN ELK	<i>CERVUS ELAPHUS NELSONI</i>
CEELR	ROOSEVELT ELK	<i>CERVUS ELAPHUS ROOSEVELTI</i>
CEMO	RHINOCEROS AUKLET	<i>CERORHINCA MONOCERATA</i>
CEUR	SAGE GROUSE	<i>CENTROERCUS UROPHASIANUS</i>
CHAL	SNOWY PLOVER	<i>CHARADRIUS ALEXANDRINUS</i>
CHBO	RUBBER BOA	<i>CHARINA BOTTAE</i>
CHCAE	SNOW GOOSE	<i>CHEN CAERULESCENS</i>
CHCAN	EMPEROR GOOSE	<i>CHEN CANAGICA</i>
CHGR	LARK SPARROW	<i>CHONDESTES GRAMMACUS</i>
CHMI	COMMON NIGHTHAWK	<i>CHORDEILES MINOR</i>
CHMO	MOUNTAIN PLOVER	<i>CHARADRIUS MONTANUS</i>
CHNI	BLACK TERN	<i>CHLIDONIAS NIGER</i>
CHPAPA	NORTHERN CHECKERSPOD	<i>CHLOSYNE PALLA PALLA</i>
CHPI	PAINTED TURTLE	<i>CHRYSEMYS PICTA</i>
CHRO	ROSS' GOOSE	<i>CHEN ROSSII</i>
CHSE	SEMIPALMATED PLOVER	<i>CHARADRIUS SEMIPALMATUS</i>
CHVA	VAUX'S SWIFT	<i>CHAETURA VAUXI</i>
CHVO	KILLDEER	<i>CHARADRIUS VOCIFERUS</i>
CICO	COLUMBIA RIVER TIGER BEETLE	<i>CICINDELA COLUMBICA</i>
CICY	NORTHERN HARRIER	<i>CIRCUS CYANEUS</i>
CIME	AMERICAN DIPPER	<i>CINCLUS MEXICANUS</i>
CIPA	MARSH WREN	<i>CISTOTHORUS PALUSTRIS</i>
CLCA	WESTERN RED-BACKED VOLE	<i>CLETHRIONOMYS CALIFORNICUS</i>
CLGA	SOUTHERN RED-BACKED VOLE	<i>CLETHRIONOMYS GAPPERI</i>
CLHY	OLDSQUAW	<i>CLANGULA HYEMALIS</i>
CLMA	WESTERN POND TURTLE	<i>CLEMMYS MARMORATA</i>
CLMY	GREEN SEA TURTLE	<i>CHELONIA MYDAS</i>
COAL	COASTRANGE SCULPIN	<i>COTTUS ALEUTICUS</i>
COAM	YELLOW-BILLED CUCKOO	<i>COCCYZUS AMERICANUS</i>
COAS	PRICKLY SCULPIN	<i>COTTUS ASPER</i>
COAU	NORTHERN FLICKER	<i>COLAPTES AURATUS</i>
COBA	MOTTLED SCULPIN	<i>COTTUS BAIRDI</i>
COBE	PIUTE SCULPIN	<i>COTTUS BELDINGI</i>
COBO	OLIVE-SIDED FLYCATCHER	<i>CONTOPUS BOREALIS</i>
COBR	AMERICAN CROW	<i>CORVUS BRACHYRHYNCHOS</i>
COCA	NORTHWESTERN CROW	<i>CORVUS CAURINUS</i>
COCL	LAKE WHITEFISH	<i>COREGONUS CLUPEAFORMIS</i>
COCOG	SLIMY SCULPIN	<i>COTTUS COGNATUS</i>
COCON	SHORthead SCULPIN	<i>COTTUS CONFUSUS</i>
COCOR	COMMON RAVEN	<i>CORVUS CORAX</i>
COER	BLACK-BILLED CUCKOO	<i>COCCYZUS ERYTHROPTHALMUS</i>
COFA	BAND-TAILED PIGEON	<i>COLUMBA FASCIATA</i>
COGU	RIFFLE SCULPIN	<i>COTTUS GULOSUS</i>
COINS	ISLAND OCHRE RINGLET	<i>COENONYMPHA "TULLIA" INSULANA</i>
COLCO	RACER	<i>COLUBER CONSTRICTOR</i>
COLI	ROCK DOVE	<i>COLUMBA LIVIA</i>
COMA	MARGINED SCULPIN	<i>COTTUS MARGINATUS</i>
CONA	LABRADOR SULPHUR	<i>COLIAS NASTES STRECKERI</i>
CONO	YELLOW RAIL	<i>COTURNICOPS NOVEBORACENSIS</i>
CONTE	SHARP-TAILED SNAKE	<i>CONTIA TENUIS</i>
COOCOC	WESTERN SULPHUR	<i>COLIAS OCCIDENTALIS OCCIDENTALIS</i>
COPE	RETICULATE SCULPIN	<i>COTTUS PERPLEXUS</i>
COPL	LAKE CHUB	<i>COUESIUS PLUMBEUS</i>

<u>CODE</u>	<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>
CORH	TORRENT SCULPIN	<i>COTTUS RHOTHEUS</i>
COSO	WESTERN WOOD-PEWEE	<i>CONTOPUS SORDIDULUS</i>
COVE	EVENING GROSBEAK	<i>COCCOTHRAUSTES VESPERTINUS</i>
COVI	NORTHERN BOBWHITE	<i>COLINUS VIRGINIANUS</i>
CRVI	WESTERN RATTLESNAKE	<i>CROTALUS VIRIDIS</i>
CYAG	SHINER PERCH	<i>CYMATOGASTER AGGREGATA</i>
CYBU	TRUMPETER SWAN	<i>CYGNUS BUCCINATOR</i>
CYCA	CARP	<i>CYPRINUS CARPIO</i>
CYCO	TUNDRA SWAN	<i>CYGNUS COLUMBIANUS</i>
CYCR	BLUE JAY	<i>CYANOCITTA CRISTATA</i>
CYNI	BLACK SWIFT	<i>CYPSELOIDES NIGER</i>
CYPS	PARAKEET AUKLET	<i>CYCLORRHYNCHUS PSITTACULA</i>
CYST	STELLER'S JAY	<i>CYANOCITTA STELLERI</i>
CYVI	AMERICAN PAINTED LADY	<i>VANESSA VIRGINIENSIS</i>
DEBI	FULVOUS WHISTLING DUCK	<i>DENDROCYGNA BICOLOR</i>
DECA	SPRUCE GROUSE	<i>DENDRAGAPUS CANADENSIS</i>
DECO	LEATHERBACK SEA TURTLE	<i>DERMOCHELYS CORIACEA</i>
DECOR	YELLOW-RUMPED WARBLER	<i>DENDROICA CORONATA</i>
DEDE	SADDLE-BACKED DOLPHIN	<i>DELPHINUS DELPHIS</i>
DENI	BLACK-THROATED GRAY WARBLER	<i>DENDROICA NIGRESCENS</i>
DEOB	BLUE GROUSE	<i>DENDRAGAPUS OBSCURUS</i>
DEOC	HERMIT WARBLER	<i>DENDROICA OCCIDENTALIS</i>
DEPA	PALM WARBLER	<i>DENDROICA PALMARUM</i>
DEPE	YELLOW WARBLER	<i>DENDROICA PETECHIA</i>
DEPEN	CHESTNUT-SIDED WARBLER	<i>DENDROICA PENNSYLVANICA</i>
DEST	BLACKPOLL WARBLER	<i>DENDROICA STRIATA</i>
DETI	CAPE MAY WARBLER	<i>DENDROICA TIGRINA</i>
DETO	TOWNSEND'S WARBLER	<i>DENDROICA TOWNSENDI</i>
DIAL	SHORT-TAILED ALBATROSS	<i>DIOMEDEA ALBATRUS</i>
DICA	SHY ALBATROSS	<i>DIOMEDEA CAUTA</i>
DICO	COPE'S GIANT SALAMANDER	<i>DICAMPTODON COPEI</i>
DIIM	LAYSAN ALBATROSS	<i>DIOMEDEA IMMUTABILIS</i>
DINI	BLACK-FOOTED ALBATROSS	<i>DIOMEDEA NIGRIPES</i>
DIOR	ORD'S KANGAROO RAT	<i>DIPODOMYS ORDII</i>
DIPU	RING-NECKED SNAKE	<i>DIADOPHIS PUNCTATUS</i>
DITE	PACIFIC GIANT SALAMANDER	<i>DICAMPTODON TENEBROSUS</i>
DIVI	VIRGINIA OPOSSUM	<i>DIDELPHIS VIRGINIANA</i>
DOID	LONG-HORNED LEAF BEETLE	<i>DONACIA IDOLA</i>
DOOR	BOBOLINK	<i>DOLICHONYX ORYZIVORUS</i>
DRPI	PILEATED WOODPECKER	<i>DRYOCOPUS PILEATUS</i>
DUCA	GRAY CATBIRD	<i>DUMETELLA CAROLINENSIS</i>
EAHA	HATCH'S CLICK BEETLE	<i>EANUS HATCHII</i>
EGCA	LITTLE BLUE HERON	<i>EGRETTA CAERULEA</i>
EGTH	SNOWY EGRET	<i>EGRETTA THULA</i>
ELCA	BLACK-SHOULDERED KITE	<i>ELANUS CAERULEUS</i>
ELCO	NORTHERN ALLIGATOR LIZARD	<i>ELGARIA COERULEA</i>
ELLE	WHITE-TAILED KITE	<i>ELANUS LEUCURUS</i>
ELMU	SOUTHERN ALLIGATOR LIZARD	<i>ELGARIA MULTICARINATA</i>
EMDI	PACIFIC-SLOPE FLYCATCHER	<i>EMPIDONAX DIFFICILIS</i>
EMHA	HAMMOND'S FLYCATCHER	<i>EMPIDONAX HAMMONDII</i>
EMMI	LEAST FLYCATCHER	<i>EMPIDONAX MINMUS</i>
EMOB	DUSKY FLYCATCHER	<i>EMPIDONAX OBERHOLSERI</i>
EMOC	CORDILLERAN FLYCATCHER	<i>EMPIDONAX OCCIDENTALIS</i>
EMTR	WILLOW FLYCATCHER	<i>EMPIDONAX TRAILLII</i>

<u>CODE</u>	<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>
EMWR	GRAY FLYCATCHER	<i>EMPIDONAX WRIGHTII</i>
ENES	ENSATINA	<i>ENSATINA ESCHSCHOLTZI</i>
ENLU	SEA OTTER	<i>ENHYDRA LUTRIS</i>
ENLULU	SEA OTTER	<i>ENHYDRA LUTRIS LUTRIS</i>
ENLUNE	SEA OTTER	<i>ENHYDRA LUTRIS NEREIS</i>
ENTR	PACIFIC LAMPREY	<i>ENTOSPHENUS TRIDENTATUS</i>
EPCLCA	SILVER-SPOTTED SKIPPER	<i>EPARGYREUS CLARUS CALIFORNICUS</i>
EPFU	BIG BROWN BAT	<i>EPTESICUS FUSCUS</i>
ERAF	AFRANIUS' DUSKYWING	<i>ERYNNIS AFRANIUS</i>
ERAL	HORNED LARK	<i>EREMOPHILA ALPESTRIS</i>
ERALS	STREAKED HORNED LARK	<i>EREMOPHILA ALPESTRIS STRIGATA</i>
ERDO	PORCUPINE	<i>ERETHIZON DORSATUM</i>
ERIC	DREAMY DUSKYWING	<i>ERYNNIS ICELUS</i>
ERPA	PACUVIUS' DUSKYWING	<i>ERYNNIS PACUVIUS LILIUS</i>
ERPE	PERSIUS' DUSKYWING	<i>ERYNNIS PERSIUS</i>
ERPR	PROPERTIUS' DUSKYWING	<i>ERYNNIS PROPERTIUS</i>
ESAN	GRASS PICKEREL	<i>ESOX AMERICANUS</i>
ESLU	NORTHERN PIKE	<i>ESOX LUCIUS</i>
ESRO	GRAY WHALE	<i>ESCHRICHTIUS ROBUSTUS</i>
EUCA	RUSTY BLACKBIRD	<i>EUPHAGUS CAROLINUS</i>
EUCHPE	PERDICCAS CHECKERSPOT	<i>EUPHYDRAS CHALCEDONA PERDICCAS</i>
EUCHWA	SNOWBERRY CHECKERSPOT	<i>EUPHYDRAS CHALCEDONA WALLACENSIS</i>
EUCY	BREWER'S BLACKBIRD	<i>EUPHAGUS CYANOCEPHALUS</i>
EUEDYA	WHULGE CHECKERSPOT (TAYLOR'S CHECKERSPOT)	<i>EUPHYDRAS EDITHA TAYLORI</i>
EUJU	NORTHERN SEA LION	<i>EUMETOPIUS JUBATUS</i>
EUMA	SPOTTED BAT	<i>EUDERMA MACULATA</i>
EUMO	EURASIAN DOTTEREL	<i>CHARADRIUS MORINELLUS</i>
EUSK	WESTERN SKINK	<i>EUMECEDES SKILTONIANUS</i>
EVUE	DUN SKIPPER	<i>EUPHYES VESTRIS VESTRIS</i>
EVUEKI	KIOWA SKIPPER	<i>EUPHYES VESTRIS KIOWA</i>
EVCOCO	EASTERN TAILED BLUE	<i>EVERES COMYNTAS COMYNTAS</i>
FACO	MERLIN	<i>FALCO COLUMBIARIUS</i>
FAME	PRAIRIE FALCON	<i>FALCO MEXICANUS</i>
FAPE	PEREGRINE FALCON	<i>FALCO PEREGRINUS</i>
FAPEA	AMERICAN PEREGRINE FALCON	<i>FALCO PEREGRINUS ANATUM</i>
FAPEP	PEALE'S PEREGRINE FALCON	<i>FALCO PEREGRINUS PEALEI</i>
FAPET	ARCTIC PEREGRINE FALCON	<i>FALCO PEREGRINUS TUNDRIUS</i>
FARU	GYRFALCON	<i>FALCO RUSTICOLUS</i>
FASP	AMERICAN KESTREL	<i>FALCO SPARVERIUS</i>
FECO	MOUNTAIN LION	<i>FELIS CONCOLOR</i>
FINU	GIANT COLUMBIA RIVER LIMPET	<i>FISHEROLA NUTTALLI</i>
FRCI	TUFTED PUFFIN	<i>FRATERCULA CIRRHATA</i>
FRCO	HORNED PUFFIN	<i>FRATERCULA CORNICULATA</i>
FRMA	MAGNIFICENT FRIGATEBIRD	<i>FREGATA MAGNIFICENS</i>
FUAM	AMERICAN COOT	<i>FULICA AMERICANA</i>
FUGL	NORTHERN FULMAR	<i>FULMARUS GLACIALIS</i>
GAAC	THREE-SPINE STICKLEBACK	<i>GASTERosteus ACULEATUS</i>
GAAD	YELLOW-BILLED LOON	<i>GAVIA ADAMSII</i>
GAAF	MOSQUITOFISH	<i>GAMBUSIA AFFinis</i>
GAGA	COMMON SNIPE	<i>GALLINAGO GALLINAGO</i>
GAIM	COMMON LOON	<i>GAVIA IMMER</i>
GAPA	PACIFIC LOON	<i>GAVIA PACIFICA</i>
GAST	RED-THROATED LOON	<i>GAVIA STELLATA</i>
GETR	COMMON YELLOWTHROAT	<i>GEOTHLYPIS TRICHAS</i>

<u>CODE</u>	<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>
GIBI	TUI CHUB	<i>GILA BICOLOR</i>
GLGN	NORTHERN PYGMY-OWL	<i>GLAUCIDIUM GNOMA</i>
GLMA	SHORT-FINNED PILOT WHALE	<i>GLOBICEPHALA MACRORHYNCHUS</i>
GLSA	NORTHERN FLYING SQUIRREL	<i>GLAUCOMYS SABRINUS</i>
GOLY	LYNN'S CLUBTAIL	<i>GOMPHUS LYNNAE</i>
GRCA	SANDHILL CRANE	<i>GRUS CANADENSIS</i>
GRGR	RISSO'S DOLPHIN	<i>GRAMPUS GRISEUS</i>
GUGU	WOLVERINE	<i>GULO GULO</i>
GYCY	PINYON JAY	<i>GYMNORHINUS CYANOCEPHALUS</i>
HABA	BLACK OYSTERCATCHER	<i>HAEMATOPUS BACHMANI</i>
HAGR	GOLDEN HAIRSTREAK	<i>HABRODAIS GRUNUS HERRI</i>
HALE	Bald EAGLE	<i>HALIAEETUS LEUCOCEPHALUS</i>
HATI	CORAL HAIRSTREAK	<i>HARKENCLENUS TITUS IMMACULOSUS</i>
HECOOR	OREGON BRANDED SKIPPER	<i>HESPERIA COMMA OREGONIA</i>
HEIN	WANDERING TATTLER	<i>HETEROSCELUS INCANUS</i>
HEJU	JUBA SKIPPER	<i>HESPERIA JUBA</i>
HENE	NEVADA SKIPPER	<i>HESPERIA NEVADA</i>
HIHI	HARLEQUIN DUCK	<i>HISTRIONICUS HISTRIONICUS</i>
HIME	BLACK-NECKED STILT	<i>HIMANTOPUS MEXICANUS</i>
HIPY	CLIFF SWALLOW	<i>HIRUNDO PYRRHONOTA</i>
HIRU	BARN SWALLOW	<i>HIRUNDO RUSTICA</i>
HYRE	PACIFIC TREEFROG	<i>HYLA REGILLA</i>
HYTO	NIGHT SNAKE	<i>HYPSIGLENA TORQUATA</i>
ICFU	BLUE CATFISH	<i>ICTALURUS FURCATUS</i>
ICGA	NORTHERN ORIOLE	<i>ICTERUS GALBULA</i>
ICME	BLACK BULLHEAD	<i>ICTALURUS MELAS</i>
ICNA	YELLOW BULLHEAD	<i>ICTALURUS NATALIS</i>
ICNE	BROWN BULLHEAD	<i>ICTALURUS NEBULOSUS</i>
ICPA	SCOTT'S ORIOLE	<i>ICTERUS PARISORUM</i>
ICPU	CHANNEL CATFISH	<i>ICTALURUS PUNCTATUS</i>
ICVI	YELLOW-BREASTED CHAT	<i>ICTERIA VIRENS</i>
INERSH	SHELTON PINE ELFIN	<i>INCISALIA ERYPHON SHELTONENSIS</i>
INMOMO	MOSS ELFIN	<i>INCISALIA MOSSII MOSSII</i>
INPO	HOARY ELFIN	<i>INCISALIA POLIA OBSCURA</i>
IXNA	VARIED THRUSH	<i>IXOREUS NAEVIUS</i>
JUHY	DARK-EYED JUNCO	<i>JUNCO HYEMALIS</i>
KOBR	PYGMY SPERM WHALE	<i>KOGIA BREVICEPS</i>
LAAR	HERRING GULL	<i>LARUS ARGENTATUS</i>
LAAT	LAUGHING GULL	<i>LARUS ATRICILLA</i>
LAAY	RIVER LAMPREY	<i>LAMPETRA AYRESI</i>
LABO	RED BAT	<i>LASIURUS BOREALIS</i>
LACAL	CALIFORNIA GULL	<i>LARUS CALIFORNICUS</i>
LACI	HOARY BAT	<i>LASIURUS CINEREUS</i>
LACU	SAGEBRUSH VOLE	<i>LAGURUS CURTATUS</i>
LADE	RING-BILLED GULL	<i>LARUS DELAWARENSIS</i>
LAEX	NORTHERN SHRIKE	<i>LANIUS EXCUBITOR</i>
LAGL	GLAUCOUS-WINGED GULL	<i>LARUS GLAUCESCENS</i>
LAHE	HEERMANN'S GULL	<i>LARUS HEERMANNI</i>
LAHY	GLAUCOUS GULL	<i>LARUS HYPERBOREUS</i>
LALE	WHITE-TAILED PTARMIGAN	<i>LAGOPUS LEUCURUS</i>
LALU	LOGGERHEAD SHRIKE	<i>LANIUS LUDOVICIANUS</i>
LAMI	LITTLE GULL	<i>LARUS MINUTUS</i>
LANO	SILVER-HAIRED BAT	<i>LASIONYCTERIS NOCTIVAGANS</i>
LAOB	PACIFIC WHITE-SIDED DOLPHIN	<i>LAGENORHYNCHUS OBLIQUIDENS</i>

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LAOC	WESTERN GULL	<i>LARUS OCCIDENTALIS</i>
LAPH	BONAPARTES GULL	<i>LARUS PHILADELPHIA</i>
LAPI	FRANKLIN'S GULL	<i>LARUS PIPIXCAN</i>
LARCAN	MEW GULL	<i>LARUS CANUS</i>
LARI	WESTERN BROOK LAMPREY	<i>LAMPETRA RICHARDSONI</i>
LATH	THAYER'S GULL	<i>LARUS THAYERI</i>
LAZO	CALIFORNIA MOUNTAIN KINGSNAKE	<i>LAMPROPELTIS ZONATA</i>
LEAM	SNOWSHOE HARE	<i>LEPUS AMERICANUS</i>
LEAR	PACIFIC STAGHORN SCULPIN	<i>LEPTOCOTTUS ARMATUS</i>
LECA	BLACK-TAILED JACK RABBIT	<i>LEPUS CALIFORNICUS</i>
LECY	GREEN SUNFISH	<i>LEPOMIS CYANELLUS</i>
LEGI	PUMPKINSEED	<i>LEPOMIS GIBBOSUS</i>
LEGU	WARMOUTH	<i>LEPOMIS GULOSUS</i>
LEMA	BLUEGILL	<i>LEPOMIS MACROCHIRUS</i>
LEOL	OLIVE RIDLEY SEA TURTLE	<i>LEPIDOCHELYS OLIVACEA</i>
LETE	GRAY-CROWNED ROSY FINCH	<i>LEUCOSTICTE TEPHROCOTIS</i>
LETO	WHITE-TAILED JACK RABBIT	<i>LEPUS TOWNSENDII</i>
LEUAR	ROSY FINCH	<i>LEUCOSTICTE ARCTOA</i>
LIAR	VICEROY	<i>LIMENITIS ARCHIPPUS LAHONTANI</i>
LIBO	NORTHERN RIGHT-WHALE DOLPHIN	<i>LISSODELPHIS BOREALIS</i>
LICO	GIANT COLUMBIA SPIRE SNAIL	<i>FLUMINICOLA COLUMBIANA</i>
LIFE	MARBLED GODWIT	<i>LIMOSA FEDOA</i>
LIGR	SHORT-BILLED DOWITCHER	<i>LIMNODROMUS GRISEUS</i>
LIHA	HUDSONIAN GODWIT	<i>LIMOSA HAEMASTICTA</i>
LILA	BAR-TAILED GODWIT	<i>LIMOSA LAPPONICA</i>
LISC	LONG-BILLED DOWITCHER	<i>LIMNODROMUS SCOLOPACEUS</i>
LOCUC	HOODED MERGANSER	<i>LOPHODYTES CUCULLATUS</i>
LOLE	WHITE-WINGED CROSSBILL	<i>LOXIA LEUCOPTERA</i>
LOLO	BURBOT	<i>LOTA LOTA</i>
LOXCU	RED CROSSBILL	<i>LOXIA CURVIROSTRA</i>
LUCA	RIVER OTTER	<i>LUTRA CANADENSIS</i>
LYCA	LYNX	<i>LYNX CANADENSIS</i>
LYCU	LUSTROUS COPPER	<i>LYCAENA CUPREA HENRYAE</i>
LYED	EDITH'S COPPER	<i>LYCAENA EDITHA EDITHA</i>
LYHE	PURPLISH COPPER	<i>LYCAENA HELLOIDES</i>
LYMACH	MAKAH COPPER (QUEEN CHARLOTTE COPPER)	<i>LYCAENA MARIPOSA CHARLOTTENSIS</i>
LYRU	BOBCAT	<i>LYNX RUFUS</i>
LYRUPE	RUDDY COPPER	<i>LYCAENA RUBIDA PERKINSORUM</i>
MAAM	MARTEN	<i>MARTES AMERICANA</i>
MACA	HOARY MARMOT	<i>MARMOTA CALIGATA</i>
MAFL	YELLOW-BELLIED MARMOT	<i>MARMOTA FLAVIVENTRIS</i>
MAOL	OLYMPIC MARMOT	<i>MARMOTA OLYMPUS</i>
MAPE	FISHER	<i>MARTES PENNANTI</i>
MATA	STRIPED WHIPSNAKE	<i>MASTICOPHIS TAENIATUS</i>
MECA	MOORE'S BEAKED WHALE	<i>MESOPLODON CARLBUBBSI</i>
MEFO	ACORN WOODPECKER	<i>MELANERPES FORMICIVORUS</i>
MEFU	WHITE-WINGED SCOTER	<i>MELANITTA FUSCA</i>
MEGA	WILD TURKEY	<i>MELEAGRIS GALLOPAVO</i>
MEGAIN	RIO GRANDE WILD TURKEY	<i>MELEAGRIS GALLOPAVO INTERMEDIA</i>
MEGAME	MERRIAM'S WILD TURKEY	<i>MELEAGRIS GALLOPAVO MERRIAMI</i>
MEGASI	EASTERN WILD TURKEY	<i>MELEAGRIS GALLOPAVO SILVESTRIS</i>
MEGE	SWAMP SPARROW	<i>MELOSPIZA GEORGIANA</i>
MELE	LEWIS' WOODPECKER	<i>MELANERPES LEWIS</i>
MELI	LINCOLN'S SPARROW	<i>MELOSPIZA LINCOLNII</i>

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MELME	SONG SPARROW	<i>MELOSPIZA MELODIA</i>
MEMEP	STRIPED SKUNK	<i>MEPHITIS MEPHITIS</i>
MENI	BLACK SCOTER	<i>MELANITTA NIGRA</i>
MENO	HUMP-BACKED WHALE	<i>MEGAPTERA NOVAEANGLIAE</i>
MEPE	SURF SCOTER	<i>MELANITTA PERSPICILLATA</i>
MERME	COMMON MEGANSER	<i>MERGUS MERGANSER</i>
MESE	RED-BREASTED MEGANSER	<i>MERGUS SERRATOR</i>
MEST	BERING SEA BEAKED WHALE	<i>MESOPODON STEJNEGERI</i>
MIAN	NORTHERN ELEPHANT SEAL	<i>MIROUNGA ANGUSTIROSTRIS</i>
MIBA	BASIN HAIRSTREAK	<i>MITOURA BARRYI</i>
MICA	GRAY-TAILED VOLE	<i>MICROTUS CANICAUDUS</i>
MIDO	SMALLMOUTH BASS	<i>MICROPTERUS DOLOMIEUI</i>
MIPO	NORTHERN MOCKINGBIRD	<i>MIMUS POLYGLOTTOS</i>
MIJO	JOHNSON'S (MISTLETOE) HAIRSTREAK	<i>MITOURA JOHNSONI</i>
MILO	LONG-TAILED VOLE	<i>MICROTUS LONGICAUDUS</i>
MIMO	MONTANE VOLE	<i>MICROTUS MONTANUS</i>
MIOR	CREEPING VOLE	<i>MICROTUS OREGONI</i>
MIPE	MEADOW VOLE	<i>MICROTUS PENNSYLVANICUS</i>
MIPEK	KINCAID'S MEADOW VOLE	<i>MICROTUS PENNSYLVANICUS KINKAIDI</i>
MIRI	WATER VOLE	<i>MICROTUS RICHARDSONI</i>
MIRORO	ARBORVITAE HAIRSTREAK	<i>MITOURA ROSNERI ROSNERI</i>
MISA	LARGEMOUTH BASS	<i>MICROPTERUS SALMOIDES</i>
MISI	JUNIPER HAIRSTREAK	<i>MITOURA SIVA SSP.</i>
MISP	THICKET HAIRSTREAK	<i>MITOURA SPINETORUM SPINETORUM</i>
MITO	TOWNSEND'S VOLE	<i>MICROTUS TOWNSENDII</i>
MITOPU	SHAW ISLAND VOLE	<i>MICROTUS TOWNSENDII PUGETI</i>
MNVA	BLACK-AND-WHITE WARBLER	<i>MINIOTILTA VARIA</i>
MOAT	BROWN-HEADED COWBIRD	<i>MOLOTHRUS ATER</i>
MOSA	STRIPED BASS	<i>MORONE SAXATILIS</i>
MUER	ERMINE	<i>MUSTELA ERMINEA</i>
MUFR	LONG-TAILED WEASEL	<i>MUSTELA FRENATA</i>
MUMU	HOUSE MOUSE	<i>MUS MUSCUS</i>
MUVI	MINK	<i>MUSTELA VISON</i>
MYCA	PEAMOUTH	<i>MYLOCHEILUS CAURINUS</i>
MYCI	ASH-THROATED FLYCATCHER	<i>MYIARCHUS CINERASCENS</i>
MYCO	NUTRIA	<i>MYOCASTOR COYPUS</i>
MYEV	LONG-EARED MYOTIS	<i>MYOTIS EVOTIS</i>
MYKE	KEEN'S MYOTIS	<i>MYOTIS KEENII</i>
MYLE	SMALL-FOOTED MYOTIS	<i>MYOTIS LEIBII</i>
MYLU	LITTLE BROWN MYOTIS	<i>MYOTIS LUCIFUGUS</i>
MYOCA	CALIFORNIA MYOTIS	<i>MYOTIS CALIFORNICUS</i>
MYTH	FRINGED MYOTIS	<i>MYOTIS THYSANODES</i>
MYTO	TOWNSEND'S SOLITAIRE	<i>MYADESTES TOWNSENDI</i>
MYVO	LONG-LEGGED MYOTIS	<i>MYOTIS VOLANS</i>
MYYU	YUMA MYOTIS	<i>MYOTIS YUMANENSIS</i>
NECI	BUSHY-TAILED WOODRAT	<i>NEOTOMA CINerea</i>
NEFU	DUSKY-FOOTED WOODRAT	<i>NEOTOMA FUSCIPES</i>
NEGI	SHREW-MOLE	<i>NEUROTRICHUS GIBBSII</i>
NOGY	TADPOLE MADTOM	<i>NOTURUS GYRINUS</i>
NOHU	OLYMPIC MUDMINNOW	<i>NOVUMBRA HUBBSI</i>
NUAM	LONG-BILLED CURLEW	<i>NUMENIUS AMERICANUS</i>
NUCO	CLARK'S NUTCRACKER	<i>NUCIFRAGA COLUMBIANA</i>
NUPH	WHIMBREL	<i>NUMENIUS PHAEOPUS</i>
NYNY	BLACK-CROWNED NIGHT-HERON	<i>NYCTICORAX NYCTICORAX</i>

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NYSC	SNOWY OWL	<i>NYCTEA SCANDIACA</i>
NYVA	COMPTON TORTOISESHELL	<i>NYMPHALIS VAU-ALBUM WATSONI</i>
OAGA	GARITA SKIPPERLING	<i>OARISMA GARITA</i>
OCFU	FORK-TAILED STORM-PETREL	<i>OCEANODROMA FURCATA</i>
OCLE	LEACH'S STORM-PETREL	<i>OCEANODROMA LEUCORHOA</i>
OCPR	PIKA	<i>OCHOTONA PRINCEPS</i>
OCSYBO	BONNEVILLE SKIPPER	<i>OCHLODES SYLVANOIDES BONNEVILLA</i>
OCSYOR	COASTAL WOODLAND SKIPPER	<i>OCHLODES SYLVANOIDES ORECOASTA</i>
OCYU	YUMA SKIPPER	<i>OCHLODES YUMA</i>
ODHE	MULE AND BLACK-TAILED DEER	<i>ODOCOILEUS HEMIONUS</i>
ODHEC	COLUMBIAN BLACK-TAILED DEER	<i>ODOCOILEUS HEMIONUS COLUMBIANUS</i>
ODHEH	MULE DEER	<i>ODOCOILEUS HEMIONUS HEMIONUS</i>
ODVI	WHITE-TAILED DEER	<i>ODOCOILEUS VIRGINIANUS</i>
ODVIL	COLUMBIAN WHITE-TAILED DEER	<i>ODOCOILEUS VIRGINIANUS LEUCURUS</i>
ODVIO	NORTHWEST WHITE-TAILED DEER	<i>ODOCOILEUS VIRGINIANUS OCHROURUS</i>
OECHC	CHRYXUS ARCTIC	<i>OENEIS CHRYXUS CHRYXUS</i>
OECHV	VALERATA ARCTIC	<i>OENEIS CHRYXUS VALERATA</i>
OEME	MELISSA ARCTIC	<i>OENEIS MELISSA BEANII</i>
OENEGI	GREAT GRAYLING	<i>OENEIS NEVADENSIS GIGAS</i>
ONCL	CUTTHROAT	<i>ONCORHYNCHUS CLARKI</i>
ONCLCL	COASTAL CUTTHROAT	<i>ONCORHYNCHUS CLARKI CLARKI</i>
ONCLLE	WESTSLOPE CUTTHROAT	<i>ONCORHYNCHUS CLARKI LEWISI</i>
ONGO	PINK SALMON	<i>ONCHORYNCHUS GORBUSCHA</i>
ONKE	CHUM SALMON	<i>ONCHORYNCHUS KETA</i>
ONKI	COHO SALMON	<i>ONCHORYNCHUS KISUTCH</i>
ONLE	NORTHERN GRASSHOPPER MOUSE	<i>ONYCHOMYS LEUCOGASTER</i>
ONLEW	WESTSLOPE CUTTHROAT	<i>ONCORHYNCHUS LEWISI</i>
ONMY	RAINBOW TROUT	<i>ONCORHYNCHUS MYKISS</i>
ONNE	SOCKEYE SALMON	<i>ONCHORYNCHUS NERKA</i>
ONNEANA	SOCKEYE SALMON (ANADROMOUS)	<i>ONCHORYNCHUS NERKA</i>
ONNELAN	KOKANEE (LANDLOCKED SOCKEYE)	<i>ONCHORYNCHUS NERKA</i>
ONNESNA	SOCKEYE SALMON (SNAKE R.)	<i>ONCHORYNCHUS NERKA</i>
ONTS	CHINOOK SALMON	<i>ONCHORYNCHUS TSHAWYTSCHA</i>
ONTSSNF	CHINOOK SALMON (SNAKE R. FALL)	<i>ONCHORYNCHUS TSHAWYTSCHA</i>
ONTSSNS	CHINOOK SALMON (SNAKE R. SP/SU)	<i>ONCHORYNCHUS TSHAWYTSCHA</i>
ONZI	MUSKRAT	<i>ONDATRA ZIBETHICUS</i>
OPTO	MACGILLIVRAY'S WARBLER	<i>OPORORNIS TOLMIEI</i>
ORAM	MOUNTAIN GOAT	<i>Oreamnos americanus</i>
ORCU	EUROPEAN RABBIT	<i>ORYCTOLAGUS CUNICULUS</i>
ORMO	SAGE THRASHER	<i>OREOSCOPESTES MONTANUS</i>
OROR	KILLER WHALE	<i>ORCINUS ORCA</i>
ORPI	MOUNTAIN QUAIL	<i>OREORTYX PICTUS</i>
OTFL	FLAMMULATED OWL	<i>OTUS FLAMMEOLUS</i>
OTKE	WESTERN SCREECH-OWL	<i>OTUS KENNICOTTII</i>
OVCA	BIGHORN SHEEP	<i>OVIS CANADENSIS</i>
OVCACAL	CALIFORNIA BIGHORN SHEEP	<i>OVIS CANADENSIS CALIFORNIANA</i>
OVCACAN	ROCKY MOUNTAIN BIGHORN SHEEP	<i>OVIS CANADENSIS CANADENSIS</i>
OXJA	RUDDY DUCK	<i>OXYURA JAMAICENSIS</i>
PAAM	NORTHERN PARULA	<i>PARULA AMERICANA</i>
PAAMO	LAZULI BUNTING	<i>PASSERINA AMOENA</i>
PAAT	BLACK-CAPPED CHICKADEE	<i>PARUS ATRICAPILLUS</i>
PACL	SHEPARD'S PARNASSIAN	<i>PARNASSIUS CLODIUS SHEPARDI</i>
PACY	INDIGO BUNTING	<i>PASSERINA CYANEA</i>
PADO	HOUSE SPARROW	<i>PASSER DOMESTICUS</i>

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PAEB	IVORY GULL	<i>PAGOPHILA EBURNEA</i>
PAGA	MOUNTAIN CHICKADEE	<i>PARUS GAMBELI</i>
PAGL	EASTERN TIGER SWALLOWTAIL	<i>PAPILIO GLAUCUS CANADENSIS</i>
PAHA	OSPREY	<i>PANDION HALIAETUS</i>
PAHU	BOREAL CHICKADEE	<i>PARUS HUDSONICUS</i>
PAIL	FOX SPARROW	<i>PASSERELLA ILIACA</i>
PARU	CHESTNUT-BACKED CHICKADEE	<i>PARUS RUFESCENTS</i>
PASA	SAVANNAH SPARROW	<i>PASSERULUS SANDWICHENSIS</i>
PECA	GRAY JAY	<i>PERISOREUS CANADENSIS</i>
PEER	AMERICAN WHITE PELICAN	<i>PELECANUS ERYTHRORHYNCHOS</i>
PEFL	YELLOW PERCH	<i>PERCA FLAVESCENS</i>
PEMA	DEER MOUSE	<i>PEROMYSCUS MANICULATUS</i>
PEOC	BROWN PELICAN	<i>PELECANUS OCCIDENTALIS</i>
PEOR	LONG-TAILED DEER MOUSE	<i>PEROMYSCUS OREAS</i>
PEPA	GREAT BASIN POCKET MOUSE	<i>PEROGNATHUS PARVUS</i>
PEPE	GRAY PARTRIDGE	<i>PERDIX PERDIX</i>
PETR	SAND ROLLER	<i>PERCOPSIS TRANSMONTANA</i>
PHAE	RED-BILLED TROPICBIRD	<i>PHAETHON AETHEREUS</i>
PHALFU	RED PHALAROPE	<i>PHALAROPUS FULICARIA</i>
PHAU	DOUBLE-CRESTED CORMORANT	<i>PHALACROCORAX AURITUS</i>
PHCO	RING-NECKED PHEASANT	<i>PHASIANUS COLCHICUS</i>
PHDA	DALL'S PORPOISE	<i>PHOCOENOIDES DALLI</i>
PHDO	SHORT-HORNED LIZARD	<i>PHRYNOSOMA DOUGLASSI</i>
PHIN	HEATHER VOLE	<i>PHENACOMYS INTERMEDIUS</i>
PHLO	RED-NECKED PHALAROPE	<i>PHALAROPUS LOBATUS</i>
PHLU	ROSE-BREASTED GROSBEAK	<i>PHEUCTICUS LUDOVICIANUS</i>
PHMA	SPERM WHALE	<i>PHYSETER MACROCEPHALUS</i>
PHME	BLACK-HEADED GROSBEAK	<i>PHEUCTICUS MELANOCEPHALUS</i>
PHNU	COMMON POORWILL	<i>PHALAENOPTILUS NUTTALLII</i>
PHPA	PALE CRESCENT	<i>PHYCIODES PALLIDUS BARNESI</i>
PHPAS	PASCO PEARL CRESCENT	<i>PHYCIODES "THAROS" PASCOENSIS</i>
PHPEL	PELAGIC CORMORANT	<i>PHALACROCORAX PELAGICUS</i>
PHPEN	BRANDT'S CORMORANT	<i>PHALACROCORAX PENICILLATUS</i>
PHPH	PACIFIC HARBOR PORPOISE	<i>PHOCENA PHOCENA</i>
PHPU	RUFF	<i>PHILOMACHUS PUGNAX</i>
PHTR	WILSON'S PHALAROPE	<i>PHALAROPUS TRICOLOR</i>
PHVI	HARBOR SEAL	<i>PHOCA VITULINA</i>
PIAL	WHITE-HEADED WOODPECKER	<i>PICOIDES ALBOLARVATUS</i>
PIAR	BLACK-BACKED WOODPECKER	<i>PICOIDES ARCTICUS</i>
PICA	GOPHER SNAKE	<i>PITUOPHIS CATENIFER</i>
PICACA	PACIFIC GOPHER SNAKE	<i>PITUOPHIS CATENIFER CATENIFER</i>
PICH	GREEN-TAILED TOWHEE	<i>PIPILO CHLORURUS</i>
PIEN	PINE GROSBEAK	<i>PINICOLA ENUCLEATOR</i>
PIER	RUFOUS-SIDED TOWHEE	<i>PIPILO ERYTHROPHTHALMUS</i>
PIHE	WESTERN PIPISTRELLE	<i>PIPISTRELLUS HESPERUS</i>
PILU	WESTERN TANAGER	<i>PIRANGA LUDOVICIANA</i>
PIME	GOPHER SNAKE	<i>PITUOPHIS CATENIFER</i>
PIMEC	PACIFIC GOPHER SNAKE	<i>PITUOPHIS MELANOLEUCUS CATENIFER</i>
PIPI	BLACK-BILLED MAGPIE	<i>PICA PICA</i>
PIPR	CHECKERED WHITE	<i>PIERIS (PONTIA) PROTODICE</i>
PIPU	DOWNTY WOODPECKER	<i>PICOIDES PUBESCENS</i>
PITR	THREE-TOED WOODPECKER	<i>PICOIDES TRIDACTYLUS</i>
PIVI	HAIRY WOODPECKER	<i>PICOIDES VILLOSUS</i>
PLAQ	HIGH MOUNTAIN BLUE	<i>AGRIADES GLANDON MEGALO</i>

<u>CODE</u>	<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>
PLCH	WHITE-FACED IBIS	<i>PLEGADIS CHIHI</i>
PLDO	LESSER GOLDEN-PLOVER	<i>PLUVIALIS DOMINICA</i>
PLDU	DUNN'S SALAMANDER	<i>PLETHODON DUNNI</i>
PLFU	PACIFIC GOLDEN-PLOVER	<i>PLUVIALIS FULVA</i>
PLHY	MCKAY'S BUNTING	<i>PLECTROPHENAX HYPERBOREUS</i>
PLICER	PUGET BLUE	<i>PLEBEJUS ICARIOIDES ERYMUS</i>
PLLA	LARCH MOUNTAIN SALAMANDER	<i>PLETHODON LARSELLI</i>
PLNI	SNOW BUNTING	<i>PLECTROPHENAX NIVALIS</i>
PLSQ	BLACK-BELLIED PLOVER	<i>PLUVIALIS SQUATAROLA</i>
PLST	STARRY FLOUNDER	<i>PLATICHTHYS STELLATUS</i>
PLTO	TOWNSEND'S BIG-EARED BAT	<i>PLECOTUS TOWNSENDII</i>
PLTOP	TOWNSEND'S BIG-EARED BAT	<i>PLECOTUS TOWNSENDII PALLISCENS</i>
PLTOT	TOWNSEND'S BIG-EARED BAT	<i>PLECOTUS TOWNSENDII TOWNSENDII</i>
PLVA	VAN DYKE'S SALAMANDER	<i>PLETHODON VANDYKEI</i>
PLVE	WESTERN RED-BACKED SALAMANDER	<i>PLETHODON VEHICULUM</i>
POAN	WHITE CRAPPIE	<i>POMOXIS ANNULARIS</i>
POAU	HORNED GREBE	<i>PODICEPS AURITUS</i>
POCO	YELLOWPATCH SKIPPER	<i>POLITES CORAS</i>
PODNI	EARED GREBE	<i>PODICEPS NIGRICOLLIS</i>
POGR	RED-NECKED GREBE	<i>PODICEPS GRISEGENA</i>
POGRA	OREGON VESPER SPARROW	<i>POOECETES GRAMINEUS AFFINIS</i>
POLCA	BLUE-GRAY GNATCATCHER	<i>POLIOPTILA CAERULEA</i>
POMA	MARDON SKIPPER	<i>POLITES MARDON</i>
POMY	LONG-DASH SKIPPER	<i>POLITES MYSTIC SSP.</i>
PONI	BLACK CRAPPIE	<i>POMOXIS NIGROMACULATUS</i>
POOGR	VESPER SPARROW	<i>POOECETES GRAMINEUS</i>
POOR	OREAS ANGLEWING	<i>POLYGONIA OREAS</i>
POPO	PIED-BILLED GREBE	<i>PODILYMBUS PODICEPS</i>
PORCA	SORA	<i>PORZANA CAROLINA</i>
POSO	SONORA SKIPPER	<i>POLITES SONORA SONORA</i>
POSOS	SONORA SKIPPER	<i>POLITES SONORA SIRIS</i>
POTH	TAWNY-EDGED SKIPPER	<i>POLITES THEMISTOCLES</i>
PRCI	PROTHONOTARY WARBLER	<i>PROTONOTARIA CITREA</i>
PRCO	PYGMY WHITEFISH	<i>PROSOPIUM COULTERI</i>
PRLO	RACCOON	<i>PROCYON LOTOR</i>
PRSU	PURPLE MARTIN	<i>PROGNE SUBIS</i>
PRWI	MOUNTAIN WHITEFISH	<i>PROSOPIUM WILLIAMSONI</i>
PSCR	FALSE KILLER WHALE	<i>PSEUDORCA CRASSIDENS</i>
PSMI	BUSHTIT	<i>PSALTRIPARUS MINIMUS</i>
PSSC	POND SLIDER	<i>PSEUDEMYS SCRIPTA</i>
PTAL	CASSIN'S AUKLET	<i>PTYCHORAMPHUS ALEUTICUS</i>
PTIN	MOTTLED PETREL	<i>PTERODROMA INEXPECTATA</i>
PTOR	NORTHERN SQUAWFISH	<i>PTYCHOCEILUS OREGONENSIS</i>
PUBU	BULLER'S SHEARWATER	<i>PUFFINUS BULLERI</i>
PUCA	FLESH-FOOTED SHEARWATER	<i>PUFFINUS CARNEIPES</i>
PUCR	PINK-FOOTED SHEARWATER	<i>PUFFINUS CREATOPUS</i>
PUGR	SOOTY SHEARWATER	<i>PUFFINUS GRISEUS</i>
PUTE	SHORT-TAILED SHEARWATER	<i>PUFFINUS TENUIROSTRIS</i>
PYCE	ALPINE CHECKERED SKIPPER	<i>PYRGUS CENTAUREAE LOKI</i>
PYOL	FLATHEAD CATFISH	<i>PYLODICTIS OLIVARIS</i>
QUQU	COMMON GRACKLE	<i>QUISCALUS QUISCOLA</i>
RAAU	RED-LEGGED FROG	<i>RANA AURORA</i>
RACAT	BULLFROG	<i>RANA CATESBEIANA</i>
RACL	GREEN FROG	<i>RANA CLAMITANS</i>

<u>CODE</u>	<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>
RALI	VIRGINIA RAIL	<i>RALLUS LIMICOLA</i>
RALU	COLUMBIA SPOTTED FROG	<i>RANA LUTEVENTRIS</i>
RANCA	CASCADES FROG	<i>RANA CASCADAE</i>
RANO	NORWAY RAT	<i>RATTUS NORVEGICUS</i>
RAPI	NORTHERN LEOPARD FROG	<i>RANA PIPiens</i>
RAPR	OREGON SPOTTED FROG	<i>RANA PRETIOSA</i>
RARA	BLACK RAT	<i>RATTUS RATTUS</i>
RASY	WOOD FROG	<i>RANA SYLVATICA</i>
RATA	MOUNTAIN CARIBOU	<i>RANGIFER TARANDUS</i>
REAM	AMERICAN AVOCET	<i>RECURVIROSTRA AMERICANA</i>
RECA	RUBY-CROWNED KINGLET	<i>REGULUS CALENDULA</i>
REME	WESTERN HARVEST MOUSE	<i>REITHRODONTOMYS MEGALOTIS</i>
RESA	GOLDEN-CROWNED KINGLET	<i>REGULUS SATRAPA</i>
RHCA	LONGNOSE DACE	<i>RHINICHTHYS CATARACTAE</i>
RHCAS	CASCADE TORRENT SALAMANDER	<i>RHYACOTRITON CASCADAE</i>
RHCASS	NOOKY DACE	<i>RHINICHTHYS CATARACTAE SSP.</i>
RHFA	LEOPARD DACE	<i>RHINICHTHYS FALCATUS</i>
RHKE	COLUMBIA TORRENT SALAMANDER	<i>RHYACOTRITON KEZERI</i>
RHOL	OLYMPIC SALAMANDER	<i>RHYACOTRITON OLYMPICUS</i>
RHOS	SPECKLED DACE	<i>RHINICHTHYS OSCULUS</i>
RIBA	REDSIDE SHINER	<i>RICHARDSONIUS BALTEATUS</i>
RIBR	RED-LEGGED KITTIWAKE	<i>RISSA BREVIROSTRIS</i>
RIRI	BANK SWALLOW	<i>RIPARIA RIPARIA</i>
RITR	BLACK-LEGGED KITTIWAKE	<i>RISSA TRIDACTyla</i>
SAAG	GOLDEN TROUT	<i>SALMO AGUABONITA</i>
SACO	BULL TROUT	<i>SALVELINUS CONFLUENTUS</i>
SAFO	BROOK TROUT	<i>SALVELINUS FONTINALIS</i>
SAMA	DOLLY VARDEN	<i>SALVELINUS MALMA</i>
SANA	LAKE TROUT	<i>SALVELINUS NAMAYCUSH</i>
SAOB	ROCK WREN	<i>SALPINCTES OBSOLETUS</i>
SASA	ATLANTIC SALMON	<i>SALMO SALAR</i>
SASY	SYLVAN HAIRSTREAK	<i>SATYRIUM SYLVINUM SYLVINUM</i>
SASYL	SYLVAN HAIRSTREAK	<i>SATYRIUM SYLVINUM PUTNAMI</i>
SATR	BROWN TROUT	<i>SALMO TRUTTA</i>
SAYSA	SAY'S PHOEBE	<i>SAYORNIS SAYA</i>
SCCA	GRAY SQUIRREL	<i>SCIURUS CAROLINENSIS</i>
SCGRA	SAGEBRUSH LIZARD	<i>SCELOPORUS GRACIOSUS</i>
SCGRI	WESTERN GRAY SQUIRREL	<i>SCIURUS GRISEUS</i>
SCLA	BROAD-FOOTED MOLE	<i>SCAPANUS LATIMANUS</i>
SCNI	FOX SQUIRREL	<i>SCIURUS NIGER</i>
SCOC	WESTERN FENCE LIZARD	<i>SCELOPORUS OCCIDENTALIS</i>
SCOR	COAST MOLE	<i>SCAPANUS ORARIUS</i>
SCTO	TOWNSEND'S MOLE	<i>SCAPANUS TOWNSENDII</i>
SEAU	OVENBIRD	<i>SEIURUS AUROCILLUS</i>
SENO	NORTHERN WATERTHRUSH	<i>SEIURUS NOVEBORACENSIS</i>
SERU	AMERICAN REDSTART	<i>SETOPHAGA RUTICILLA</i>
SERUF	RUFOUS HUMMINGBIRD	<i>SELASPHORUS RUFUS</i>
SESA	ALLEN'S HUMMINGBIRD	<i>SELASPHORUS SASIN</i>
SICAR	WHITE-BREASTED NUTHATCH	<i>SITTA CAROLINENSIS</i>
SICU	MOUNTAIN BLUEBIRD	<i>STIALIA CURRUCOIDES</i>
SIME	WESTERN BLUEBIRD	<i>STIALIA MEXICANA</i>
SIPY	PYGMY NUTHATCH	<i>SITTA PYGMAEA</i>
SITCA	RED-BREASTED NUTHATCH	<i>SITTA CANADENSIS</i>
SOBE	PACIFIC WATER SHREW	<i>SOREX BENDIRII</i>

<u>CODE</u>	<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>
SOCI	MASKED SHREW	<i>SOREX CINEREUS</i>
SOFE	FENDER'S SOLIPERLAN STONEFLY	<i>SOLIPERLA FENDERI</i>
SOHO	PYGMY SHREW	<i>SOREX HOYI</i>
SOME	MERRIAM'S SHREW	<i>SOREX MERRIAMI</i>
SOMO	DUSKY SHREW	<i>SOREX MONTICOLUS</i>
SOPAC	PACIFIC SHREW	<i>SOREX PACIFICUS</i>
SOPAL	WATER SHREW	<i>SOREX PALUSTRIS</i>
SOPR	PREBLES SHREW	<i>SOREX PREBLEI</i>
SOTRO	TROWBRIDGE'S SHREW	<i>SOREX TROWBRIDGII</i>
SOTROD	DESTRUCTION ISLAND SHREW	<i>SOREX TROWBRIDGII DESTRUCTIONI</i>
SOVA	VAGRANT SHREW	<i>SOREX VAGRANS</i>
SPAR	AMERICAN TREE SPARROW	<i>SPIZELLA ARBOREA</i>
SPBEE	CALIFORNIA GROUND SQUIRREL	<i>SPERMOPHILUS BEECHEYI</i>
SPBR	BREWER'S SPARROW	<i>SPIZELLA BREWERI</i>
SPCO	COLUMBIAN GROUND SQUIRREL	<i>SPERMOPHILUS COLUMBIANUS</i>
SPEG	EGLEIS FRITILLARY	<i>SPEYERIA EGLEIS OWENI</i>
SPEGM	EGLEIS FRITILLARY	<i>SPEYERIA EGLEIS McDUNNOOUGHI</i>
SPGR	SPOTTED SKUNK	<i>SPILOGALE GRACILIS</i>
SPHTH	WILLIAMSON'S SAPSUCKER	<i>SPHYRAPICUS THYROIDEUS</i>
SPHYRH	HYDASPE FRITILLARY	<i>SPEYERIA HYDASPE RHODOPE</i>
SPIN	GREAT BASIN SPADEFoot	<i>SPEA INTERMONTANA</i>
SPLA	GOLDEN-MANTLED GROUND SQUIRREL	<i>SPERMOPHILUS LATERALIS</i>
SPLE	PUGET SOUND SILVERSPOT	<i>SPYEERIA CYBELE PUGETENSIS</i>
SPNU	RED-NAPED SAPSUCKER	<i>SPHYRAPICUS NUCHALIS</i>
SPPA	CHIPPING SPARROW	<i>SPIZELLA PASSERINA</i>
SPPAL	CLAY-COLORED SPARROW	<i>SPIZELLA PALLIDA</i>
SPRU	RED-BREASTED SAPSUCKER	<i>SPHYRAPICUS RUBER</i>
SPSA	CASCADE GOLDEN-MANTLED GROUND	<i>SPERMOPHILUS SATURATUS</i>
SPTH	LONGFIN SMELT	<i>SPIRINCHUS THALEICHTHYS</i>
SPTO	TOWNSEND'S GROUND SQUIRREL	<i>SPERMOPHILUS TOWNSENDII</i>
SPWA	WASHINGTON GROUND SQUIRREL	<i>SPERMOPHILUS WASHINGTONI</i>
SPZE	OREGON SILVERSPOT	<i>SPEYERIA ZERENE</i>
SPZEBR	VALLEY SILVERSPOT	<i>SPEYERIA ZERENE BREMNERII</i>
SPZEHI	OREGON SILVERSPOT	<i>SPEYERIA ZERENE HIPPOLYTA</i>
STAN	LEAST TERN	<i>STERNA ANTILLARUM</i>
STCA	CASPIAN TERN	<i>STERNA CASPIA</i>
STCO	STRIPED DOLPHIN	<i>STENELLA COERULEOALBA</i>
STELCA	CALLIOPE HUMMINGBIRD	<i>STELLULA CALLIOPE</i>
STFO	FORSTER'S TERN	<i>STERNA FORSTERI</i>
STHI	COMMON TERN	<i>STERNA HIRUNDO</i>
STLO	LONG-TAILED JAEGER	<i>STERCORARIUS LONGICAUDUS</i>
STNE	GREAT GRAY OWL	<i>STRIX NEBULOSA</i>
STOC	SPOTTED OWL	<i>STRIX OCCIDENTALIS</i>
STPA	PARASITIC JAEGER	<i>STERCORARIUS PARASITICUS</i>
STPAR	ARCTIC TERN	<i>STERNA PARADISAEA</i>
STPO	POMARINE JAEGER	<i>STERCORARIUS POMARINUS</i>
STSE	NORTHERN ROUGH-WINGED SWALLOW	<i>STELgidopteryx SERIPIENNIS</i>
STUNE	WESTERN MEADOWLARK	<i>STURNELLA NEGLECTA</i>
STVA	BARRED OWL	<i>STRIX VARIA</i>
STVI	WALLEYE	<i>STIZOSTEDION VITREUM</i>
STVU	EUROPEAN STARLING	<i>STURNUS VULGARIS</i>
SUNE	BLUE-FOOTED BOOBY	<i>SULA NEBOUXII</i>
SUUL	NORTHERN HAWK-OWL	<i>SURNIA ULULA</i>
SYAN	ANCIENT MURRELET	<i>SYNTHLIBORAMPHUS ANTIQUUS</i>

<u>CODE</u>	<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>
SYBO	NORTHERN BOG LEMMING	<i>SYNAPTOMYS BOREALIS</i>
SYFL	EASTERN COTTONTAIL	<i>SYLVILAGUS FLORIDANUS</i>
SYHY	XANTUS' MURRELET	<i>SYNTHLIBORAMPHUS HYPOLEUCUS</i>
SYID	PYGMY RABBIT	<i>BRACHYLAGUS IDAHOENSIS</i>
SYNU	NUTTALL'S COTTONTAIL	<i>SYLVILAGUS NUTTALLII</i>
TAAM	YELLOW-PINE CHIPMUNK	<i>TAMIAS AMOENUS</i>
TABI	TREE SWALLOW	<i>TACHYCYNETA BICOLOR</i>
TADO	DOUGLAS' SQUIRREL	<i>TAMIACIURUS DOUGLASII</i>
TAGR	ROUGHSKIN NEWT	<i>TARICHA GRANULOSA</i>
TAHU	RED SQUIRREL	<i>TAMIACIURUS HUDSONICUS</i>
TAMI	LEAST CHIPMUNK	<i>TAMIAS MINIMUS</i>
TARU	RED-TAILED CHIPMUNK	<i>TAMIAS RUFICAUDUS</i>
TATA	BADGER	<i>TAXIDEA TAXUS</i>
TATH	VIOLET-GREEN SWALLOW	<i>TACHYCYNETA THALASSINA</i>
TATO	TOWNSEND'S CHIPMUNK	<i>TAMIAS TOWNSENDII</i>
THAR	ARCTIC GRAYLING	<i>THYMALLUS ARCTICUS</i>
THBE	BEWICK'S WREN	<i>THRYOMANES BEWICKII</i>
THEL	WESTERN TERRESTRIAL GARTER SNAKE	<i>THAMNOPHIS ELEGANS</i>
THMA	WESTERN POCKET GOPHER	<i>THOMOMYS MAZAMA</i>
THMAC	SHELTON POCKET GOPHER	<i>THOMOMYS MAZAMA COUCHI</i>
THMAG	ROY PRAIRIE POCKET GOPHER	<i>THOMOMYS MAZAMA GLACIALIS</i>
THMAL	CATHLAMET POCKET GOPHER	<i>THOMOMYS MAZAMA LOUIEI</i>
THMAME	OLYMPIC POCKET GOPHER	<i>THOMOMYS MAZAMA MELANOPS</i>
THMAT	TENINO POCKET GOPHER	<i>THOMOMYS MAZAMA TUMULI</i>
THMATA	TACOMA POCKET GOPHER	<i>THOMOMYS MAZAMA TACOMENSIS</i>
THOR	NORTHWESTERN GARTER SNAKE	<i>THAMNOPHIS ORDINOIDES</i>
THPA	EULACHON	<i>THALEICHTHYS PACIFICUS</i>
THPY	NORTHERN CLOUDY WING	<i>THORYBES PYLADES</i>
THSI	COMMON GARTER SNAKE	<i>THAMNOPHIS SIRTALIS</i>
THTA	NORTHERN POCKET GOPHER	<i>THOMOMYS TALPOIDES</i>
THTAD	BRUSH PRAIRIE POCKET GOPHER	<i>THOMOMYS TALPOIDES DOUGLASI</i>
THTAL	WHITE SALMON POCKET GOPHER	<i>THOMOMYS TALPOIDES LIMOSUS</i>
TITI	TENCH	<i>TINCA TINCA</i>
TRAE	HOUSE WREN	<i>TROGLODYTES AEDON</i>
TRFL	LESSER YELLOWLEGS	<i>TRINGA FLAVIPES</i>
TRME	GREATER YELLOWLEGS	<i>TRINGA MELANOLEUCA</i>
TRSO	SOLITARY SANDPIPER	<i>TRINGA SOLITARIA</i>
TRSU	BUFF-BREASTED SANDPIPER	<i>TRYNGITES SUBRUFICOLLIS</i>
TRTR	WINTER WREN	<i>TROGLODYTES TROGLODYTES</i>
TUMI	AMERICAN ROBIN	<i>TURDUS MIGRATORIUS</i>
TYAL	COMMON BARN-OWL	<i>TYTO ALBA</i>
TYME	TROPICAL KINGBIRD	<i>TYRANNUS MELANCHOLICUS</i>
TYPH	SHARP-TAILED GROUSE	<i>TYMPANUCHUS PHASIANELLUS</i>
TYTY	EASTERN KINGBIRD	<i>TYRANNUS TYRANNUS</i>
TYVE	WESTERN KINGBIRD	<i>TYRANNUS VERTICALIS</i>
URAA	COMMON MURRE	<i>URIA AALGE</i>
URAM	BLACK BEAR	<i>URSUS AMERICANUS</i>
URAR	GRIZZLY BEAR	<i>URSUS ARCTOS</i>
URLO	THICK-BILLED MURRE	<i>URIA LOMVIA</i>
UTST	SIDE-BLOTCHED LIZARD	<i>UTA STANSBURIANA</i>
VECE	ORANGE-CROWNED WARBLER	<i>VERMICVORA CELATA</i>
VEPE	TENNESSEE WARBLER	<i>VERMICVORA PEREGRINA</i>
VERU	NASHVILLE WARBLER	<i>VERMICVORA RUFICAPILLA</i>
VIGI	WARBLING VIREO	<i>VIREO GILVUS</i>

<u>CODE</u>	<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>
VIHU	HUTTON'S VIREO	<i>VIREO HUTTONI</i>
VIOL	RED-EYED VIREO	<i>VIREO OLIVACEUS</i>
VISO	SOLITARY VIREO	<i>VIREO SOLITARIUS</i>
VUVU	RED FOX	<i>VULPES VULPES</i>
VUVUC	CASCADE RED FOX	<i>VULPES VULPES CASCADENSIS</i>
VUVUS	LOWLAND RED FOX	<i>VULPES VULPES SUBSPP</i>
WICI	HOODED WARBLER	<i>WILSONIA CITRINA</i>
WIPU	WILSON'S WARBLER	<i>WILSONIA PUSILLA</i>
XAXA	YELLOW-HEADED BLACKBIRD	<i>XANTHOCEPHALUS XANTHOCEPHALUS</i>
XESA	SABINE'S GULL	<i>XEMA SABINI</i>
ZACA	CALIFORNIA SEA LION	<i>ZALOPHUS CALIFORNIANUS</i>
ZAPR	WESTERN JUMPING MOUSE	<i>ZAPUS PRINCEPS</i>
ZATR	PACIFIC JUMPING MOUSE	<i>ZAPUS TRINOTATUS</i>
ZEAS	WHITE-WINGED DOVE	<i>ZENAIDA ASIATICA</i>
ZEMA	MOURNING DOVE	<i>ZENAIDA MACROURA</i>
ZICA	GOOSE-BEAKED WHALE	<i>ZIPHIA CAVIROSTRIS</i>
ZOAL	WHITE-THROATED SPARROW	<i>ZONOTRICHIA ALBICOLLIS</i>
ZOAT	GOLDEN-CROWNED SPARROW	<i>ZONOTRICHIA ATRICAPILLA</i>
ZOLE	WHITE-CROWNED SPARROW	<i>ZONOTRICHIA LEUCOPHRYS</i>
ZOQU	HARRIS' SPARROW	<i>ZONOTRICHIA QUERULA</i>
ZZZZ	MASKED SENSITIVE SPECIES	

WDFW SPECIES CODES SORTED BY COMMON NAME

<u>CODE</u>	<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>
MEFO	ACORN WOODPECKER	<i>MELANERPES FORMICIVORUS</i>
ERAF	AFRANIUS' DUSKYWING	<i>ERYNNIS AFRANIUS</i>
BRCAL	ALEUTIAN CANADA GOOSE	<i>BRANTA CANADENSIS LEUCOPAREIA</i>
SESA	ALLEN'S HUMMINGBIRD	<i>SELASPHORUS SASIN</i>
PYCE	ALPINE CHECKERED SKIPPER	<i>PYRGUS CENTAUREAE LOKI</i>
REAM	AMERICAN AVOCET	<i>RECURVIROSTRA AMERICANA</i>
BOLE	AMERICAN BITTERN	<i>BOTAURUS LENTIGINOSUS</i>
ANRU	AMERICAN BLACK DUCK	<i>ANAS RUBRIPES</i>
FUAM	AMERICAN COOT	<i>FULICA AMERICANA</i>
COBR	AMERICAN CROW	<i>CORVUS BRACHYRHYNCHOS</i>
CIME	AMERICAN DIPPER	<i>CINCLUS MEXICANUS</i>
CATR	AMERICAN GOLDFINCH	<i>CARDUELIS TRISTIS</i>
FASP	AMERICAN KESTREL	<i>FALCO SPARVERIUS</i>
CYVI	AMERICAN PAINTED LADY	<i>VANESSA VIRGINIENSIS</i>
FAPEA	AMERICAN PEREGRINE FALCON	<i>FALCO PEREGRINUS ANATUM</i>
ANRUBE	AMERICAN PIPIT	<i>ANTHUS RUBESCENS</i>
SERU	AMERICAN REDSTART	<i>SETOPHAGA RUTICILLA</i>
TUMI	AMERICAN ROBIN	<i>TURDUS MIGRATORIUS</i>
ALSA	AMERICAN SHAD	<i>ALOSA SAPIDISSIMA</i>
SPAR	AMERICAN TREE SPARROW	<i>SPIZELLA ARBOREA</i>
PEER	AMERICAN WHITE PELICAN	<i>PELECANUS ERYTHRORHYNCHOS</i>
ANAAM	AMERICAN WIGEON	<i>ANAS AMERICANA</i>
SYAN	ANCIENT MURRELET	<i>SYNTHLIBORAMPHUS ANTIQUUS</i>
CAAN	ANNA'S HUMMINGBIRD	<i>CALYPTES ANNA</i>
MIRORO	ARBORVITAE HAIRSTREAK	<i>MITOURA ROSNERI ROSNERI</i>
THAR	ARCTIC GRAYLING	<i>THYMALLUS ARCTICUS</i>
FAPET	ARCTIC PEREGRINE FALCON	<i>FALCO PEREGRINUS TUNDRIUS</i>
CAPAMA	ARCTIC SKIPPER	<i>CARTEROCEPHALUS PALAEMON MANDAN</i>
STPAR	ARCTIC TERN	<i>STERNA PARADISAEA</i>
MYCI	ASH-THROATED FLYCATCHER	<i>MYIARCHUS CINERASCENS</i>
BOAS	ASTARTE FRITILLARY	<i>BOLORIA ASTARTE</i>
SASA	ATLANTIC SALMON	<i>SALMO SALAR</i>
TATA	BADGER	<i>TAXIDEA TAXUS</i>
CABA	BAIRD'S SANDPIPER	<i>CALIDRIS BAIRDII</i>
HALE	BALD EAGLE	<i>HALIAEETUS LEUCOCEPHALUS</i>
COFA	BAND-TAILED PIGEON	<i>COLUMBA FASCIATA</i>
RIRI	BANK SWALLOW	<i>RIPARIA RIPARIA</i>
LILA	BAR-TAILED GODWIT	<i>LIMOSA LAPPONICA</i>
HIRU	BARN SWALLOW	<i>HIRUNDO RUSTICA</i>
STVA	BARRED OWL	<i>STRIX VARIA</i>
BUIS	BARROW'S GOLDENEYE	<i>BUCEPHALA ISLANDICA</i>
MIBA	BASIN HAIRSTREAK	<i>MITOURA BARRYI</i>
CASCAN	BEAVER	<i>CASTOR CANADENSIS</i>
AGBE	BELLER'S GROUND BEETLE	<i>AGONUM BELLERI</i>
CEAL	BELTED KINGFISHER	<i>CERYLE ALCYON</i>
MEST	BERING SEA BEAKED WHALE	<i>MESOPOLODON STEJNEGERI</i>
THBE	BEWICK'S WREN	<i>THRYOMANES BEWICKII</i>
EPFU	BIG BROWN BAT	<i>EPTESICUS FUSCUS</i>
OVCA	BIGHORN SHEEP	<i>OVIS CANADENSIS</i>
URAM	BLACK BEAR	<i>URSUS AMERICANUS</i>
ICME	BLACK BULLHEAD	<i>Ictalurus melas</i>
PONI	BLACK CRAPPIE	<i>POMOXIS NIGROMACULATUS</i>

<u>CODE</u>	<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>
HABA	BLACK OYSTERCATCHER	<i>HAEMATOPUS BACHMANI</i>
RARA	BLACK RAT	<i>RATTUS RATTUS</i>
BAGL	BLACK RIGHT WHALE	<i>BALAENA GLACIALIS</i>
MENI	BLACK SCOTER	<i>MELANITTA NIGRA</i>
CYNI	BLACK SWIFT	<i>CYPSELOIDES NIGER</i>
CHNI	BLACK TERN	<i>CHLIDONIAS NIGER</i>
ARME	BLACK TURNSTONE	<i>ARENARIA MELANOCEPHALA</i>
MNVA	BLACK-AND-WHITE WARBLER	<i>MNIOTILTA VARIA</i>
PIAR	BLACK-BACKED WOODPECKER	<i>PICOIDES ARCTICUS</i>
PLSQ	BLACK-BELLIED PLOVER	<i>PLUVIALIS SQUATAROLA</i>
COER	BLACK-BILLED CUCKOO	<i>COCCYZUS ERYTHROPTHALMUS</i>
PIPI	BLACK-BILLED MAGPIE	<i>PICA PICA</i>
PAAT	BLACK-CAPPED CHICKADEE	<i>PARUS ATRICAPILLUS</i>
ARAL	BLACK-CHINNED HUMMINGBIRD	<i>ARCHILOCUS ALEXANDRI</i>
NYNY	BLACK-CROWNED NIGHT-HERON	<i>NYCTICORAX NYCTICORAX</i>
DINI	BLACK-FOOTED ALBATROSS	<i>DIOMEDEA NIGRIPES</i>
PHME	BLACK-HEADED GROSBEAK	<i>PHEUCTICUS MELANOCEPHALUS</i>
RITR	BLACK-LEGGED KITTIWAKE	<i>RISSA TRIDACTyla</i>
HIME	BLACK-NECKED STILT	<i>HIMANTOPUS MEXICANUS</i>
ELCA	BLACK-SHOULDERED KITE	<i>ELANUS CAERULEUS</i>
LECA	BLACK-TAILED JACK RABBIT	<i>LEPUS CALIFORNICUS</i>
DENI	BLACK-THROATED GRAY WARBLER	<i>DENDROICA NIGRESCENS</i>
AMBI	BLACK-THROATED SPARROW	<i>AMPHISPiza BILINEATA</i>
DEST	BLACKPOLL WARBLER	<i>DENDROICA STRIATA</i>
ICFU	BLUE CATFISH	<i>ICTALURUS FURCATUS</i>
DEOB	BLUE GROUSE	<i>DENDRAGAPUS OBSCURUS</i>
CYCR	BLUE JAY	<i>CYANOCITTA CRISTATA</i>
BAMU	BLUE WHALE	<i>BALAEOPTERA MUSCULUS</i>
SUNE	BLUE-FOOTED BOOBY	<i>SULA NEBOUXII</i>
POLCA	BLUE-GRAY GNATCATCHER	<i>POLIOPtila CAERULEA</i>
ANDI	BLUE-WINGED TEAL	<i>ANAS DISCORS</i>
LEMA	BLUEGILL	<i>LEPOMIS MACROCHIRUS</i>
LYRU	BOBCAT	<i>LYNX RUFUS</i>
DOOR	BOBOLINK	<i>DOLICHONYX ORYZIVORUS</i>
BOGA	BOHEMIAN WAXWING	<i>BOMBYCILLA GARRULUS</i>
LAPH	BONAPARTES GULL	<i>LARUS PHILADELPHIA</i>
OCSYBO	BONNEVILLE SKIPPER	<i>OCHLODES SYLVANOIDES BONNEVILLA</i>
PAHU	BOREAL CHICKADEE	<i>PARUS HUDSONICUS</i>
AEFU	BOREAL OWL	<i>AEGOLIUS FUNEREUS</i>
CADUDU	BRAMBLE GREEN HAIRSTREAK	<i>CALLOPHRYS DUMETORUM DUMETORUM</i>
CEAREC	BRANDED AZURES	<i>CELASTRINA ARGiolus ECHO</i>
PHPEN	BRANDT'S CORMORANT	<i>PHALACROCORAX PENICILLATUS</i>
BRBE	BRANT	<i>BRANTA BERNICLA</i>
EUCY	BREWER'S BLACKBIRD	<i>EUPHAGUS CYANOCEPHALUS</i>
SPBR	BREWER'S SPARROW	<i>SPIZELLA BREWERI</i>
CACO	BRIDGELIP SUCKER	<i>CATOSTOMUS COLUMBIANUS</i>
SCLA	BROAD-FOOTED MOLE	<i>SCAPANUS LATIMANUS</i>
BUPL	BROAD-WINGED HAWK	<i>BUTEO PLATYPTerus</i>
SAFO	BROOK TROUT	<i>SALVELINUS FONTINALIS</i>
ICNE	BROWN BULLHEAD	<i>ICTALURUS NEBULOSUS</i>
CEAM	BROWN CREEPER	<i>CERTHIA AMERICANA</i>
PEOC	BROWN PELICAN	<i>PELECANUS OCCIDENTALIS</i>
SATR	BROWN TROUT	<i>SALMO TRUTTA</i>
MOAT	BROWN-HEADED COWBIRD	<i>MOLOTHRUS ATER</i>

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THTAD	BRUSH PRAIRIE POCKET GOPHER	<i>THOMOMYS TALPOIDES DOUGLASI</i>
TRSU	BUFF-BREASTED SANDPIPER	<i>TRYNGITES SUBRUFICOLLIS</i>
BUAL	BUFFLEHEAD	<i>BUCEPHALA ALBEOLA</i>
SACO	BULL TROUT	<i>SALVELINUS CONFLUENTUS</i>
PUBU	BULLER'S SHEARWATER	<i>PUFFINUS BULLERI</i>
RACAT	BULLFROG	<i>RANA CATESBEIANA</i>
LOLO	BURBOT	<i>LOTA LOTA</i>
ATCU	BURROWING OWL	<i>ATHENE CUNICULARIA</i>
PSMI	BUSHTIT	<i>PSALTRIPARUS MINIMUS</i>
NECI	BUSHY-TAILED WOODRAT	<i>NEOTOMA CINEREA</i>
BRCAMI	CACKLING CANADA GOOSE	<i>BRANTA CANADENSIS MINIMA</i>
OVCACAL	CALIFORNIA BIGHORN SHEEP	<i>OVIS CANADENSIS CALIFORNIANA</i>
ANCA	CALIFORNIA FLOATER	<i>ANODONTA CALIFORNIENSIS</i>
SPBEE	CALIFORNIA GROUND SQUIRREL	<i>SPERMOPHILUS BEECHEYI</i>
LACAL	CALIFORNIA GULL	<i>LARUS CALIFORNICUS</i>
LAZO	CALIFORNIA MOUNTAIN KINGSNAKE	<i>LAMPROPELTIS ZONATA</i>
MYOCA	CALIFORNIA MYOTIS	<i>MYOTIS CALIFORNICUS</i>
CACAL	CALIFORNIA QUAIL	<i>CALLIPEPLA CALIFORNICA</i>
ZACA	CALIFORNIA SEA LION	<i>ZALOPHUS CALIFORNIANUS</i>
ADBR	CALIFORNIA SISTER	<i>ADELPHA BREDOWI CALIFORNICA</i>
STELCA	CALLIOPE HUMMINGBIRD	<i>STELLULA CALLIOPE</i>
BRCA	CANADA GOOSE	<i>BRANTA CANADENSIS</i>
AYVA	CANVASBACK	<i>AYTHYA VALISINERIA</i>
CASHNE	CANYON GREEN HAIRSTREAK	<i>CALLOPHRYS SHERIDANII NEOPERPLEXA</i>
CATME	CANYON WREN	<i>CATHERPES MEXICANUS</i>
DETI	CAPE MAY WARBLER	<i>DENDROICA TIGRINA</i>
CYCA	CARP	<i>CYPRINUS CARPIO</i>
SPSA	CASCADE GOLDEN-MANTLED GROUND	<i>SPERMOPHILUS SATURATUS</i>
VUVUC	CASCADE RED FOX	<i>VULPES VULPES CASCADENSIS</i>
RHCAS	CASCADE TORRENT SALAMANDER	<i>RHYACOTRITON CASCADAE</i>
RANCA	CASCADES FROG	<i>RANA CASCADAE</i>
STCA	CASPIAN TERN	<i>STERNA CASPIA</i>
PTAL	CASSIN'S AUKLET	<i>PTYCHORAMPHUS ALEUTICUS</i>
CACAS	CASSIN'S FINCH	<i>CARPODACUS CASSINII</i>
THMAL	CATHLAMET POCKET GOPHER	<i>THOMOMYS MAZAMA LOUIEI</i>
BUIB	CATTLE EGRET	<i>BUBULCUS IBIS</i>
BOCE	CEDAR WAXWING	<i>BOMBYCILLA CEDRORUM</i>
ICPU	CHANNEL CATFISH	<i>ICTALURUS PUNCTATUS</i>
PIPR	CHECKERED WHITE	<i>PIERIS (PONTIA) PROTODICE</i>
PARU	CHESTNUT-BACKED CHICKADEE	<i>PARUS RUFESCENS</i>
CAOR	CHESTNUT-COLLARED LONGSPUR	<i>CALCARIUS ORNATUS</i>
DEPEN	CHESTNUT-SIDED WARBLER	<i>DENDROICA PENNSYLVANICA</i>
ONTS	CHINOOK SALMON	<i>ONCHORYNCHUS TSHAWYTSCHA</i>
ONTSSNF	CHINOOK SALMON (SNAKE R. FALL)	<i>ONCHORYNCHUS TSHAWYTSCHA</i>
ONTSSNS	CHINOOK SALMON (SNAKE R. SP/SU)	<i>ONCHORYNCHUS TSHAWYTSCHA</i>
SPPA	CHIPPING SPARROW	<i>SPIZELLA PASSERINA</i>
ACAL	CHISELMOUTH	<i>ACROCHEILUS ALUTACEUS</i>
OECHC	CHRYXUS ARCTIC	<i>OENEIS CHRYXUS CHRYXUS</i>
ALCH	CHUKAR	<i>ALECTORIS CHUKAR</i>
ONKE	CHUM SALMON	<i>ONCHORYNCHUS KETA</i>
ANCY	CINNAMON TEAL	<i>ANAS CYANOPTERA</i>
AECL	CLARK'S GREBE	<i>AECHMOPHORUS CLARKII</i>
NUCO	CLARK'S NUTCRACKER	<i>NUCIFRAGA COLUMBIANA</i>
SPPAL	CLAY-COLORED SPARROW	<i>SPIZELLA PALLIDA</i>

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HIPY	CLIFF SWALLOW	<i>HIRUNDO PYRRHONOTA</i>
SCOR	COAST MOLE	<i>SCAPANUS ORARIUS</i>
ONCLCL	COASTAL CUTTHROAT	<i>ONCORHYNCHUS CLARKI CLARKI</i>
OCSYOR	COASTAL WOODLAND SKIPPER	<i>OCHLODES SYLVANOIDES ORECOASTA</i>
COAL	COASTRANGE SCULPIN	<i>COTTUS ALEUTICUS</i>
ONKI	COHO SALMON	<i>ONCHORYNCHUS KISUTCH</i>
CICO	COLUMBIA RIVER TIGER BEETLE	<i>CICINDELA COLUMBICA</i>
RALU	COLUMBIA SPOTTED FROG	<i>RANA LUTEVENTRIS</i>
RHKE	COLUMBIA TORRENT SALAMANDER	<i>RHYACOTRITON KEZERI</i>
ODHEC	COLUMBIAN BLACK-TAILED DEER	<i>ODOCOILEUS HEMIONUS COLUMBIANUS</i>
SPCO	COLUMBIAN GROUND SQUIRREL	<i>SPERMOPHILUS COLUMBIANUS</i>
ODVIL	COLUMBIAN WHITE-TAILED DEER	<i>ODOCOILEUS VIRGINIANUS LEUCURUS</i>
TYAL	COMMON BARN-OWL	<i>TYTO ALBA</i>
THSI	COMMON GARTER SNAKE	<i>THAMNOPHIS SIRTALIS</i>
BUCL	COMMON GOLDENEYE	<i>BUCEPHALA CLANGULA</i>
QUQU	COMMON GRACKLE	<i>QUISCALUS QUISCULA</i>
GAIM	COMMON LOON	<i>GAVIA IMMER</i>
MERME	COMMON MEGANSER	<i>MERGUS MERGANSER</i>
URAA	COMMON MURRE	<i>URIA AALGE</i>
CHMI	COMMON Nighthawk	<i>CHORDEILES MINOR</i>
PHNU	COMMON POORWILL	<i>PHALAENOPTILUS NUTTALLII</i>
COCOR	COMMON RAVEN	<i>CORVUS CORAX</i>
CAFL	COMMON REDPOLL	<i>CARDUELIS FLAMMEA</i>
GAGA	COMMON SNIPE	<i>GALLINAGO GALLINAGO</i>
STHI	COMMON TERN	<i>STERNA HIRUNDO</i>
GETR	COMMON YELLOWTHROAT	<i>GEOTHLYPIS TRICHAS</i>
NYVA	COMPTON TORTOISESHELL	<i>NYMPHALIS VAU-ALBUM WATSONI</i>
ACCO	COOPER'S HAWK	<i>ACCIPITER COOPERII</i>
DICO	COPE'S GIANT SALAMANDER	<i>DICAMPYDON COPEI</i>
HATI	CORAL HAIRSTREAK	<i>HARKENCLENUS TITUS IMMACULOSUS</i>
EMOC	CORDILLERAN FLYCATCHER	<i>EMPIDONAX OCCIDENTALIS</i>
CALAT	COYOTE	<i>CANIS LATRANS</i>
MIOR	CREEPING VOLE	<i>MICROTUS OREGONI</i>
CALFE	CURLEW SANDPIPER	<i>CALIDRIS FERRUGINEA</i>
ONCL	CUTTHROAT	<i>ONCORHYNCHUS CLARKI</i>
PHDA	DALL'S PORPOISE	<i>PHOCOENOIDES DALLI</i>
JUHY	DARK-EYED JUNCO	<i>JUNCO HYEMALIS</i>
PEMA	DEER MOUSE	<i>PEROMYSCUS MANICULATUS</i>
SOTROD	DESTRUCTION ISLAND SHREW	<i>SOREX TROWBRIDGII DESTRUCTIONI</i>
SAMA	DOLLY VARDEN	<i>SALVELINUS MALMA</i>
PHAU	DOUBLE-CRESTED CORMORANT	<i>PHALACROCORAX AURITUS</i>
TADO	DOUGLAS' SQUIRREL	<i>TAMIASCIURUS DOUGLASII</i>
PIPU	DOWNTY WOODPECKER	<i>PICOIDES PUBESCENS</i>
ERIC	DREAMY DUSKYWING	<i>ERYNNIS ICELUS</i>
EUVE	DUN SKIPPER	<i>EUPHYES VESTRIS VESTRIS</i>
CAALP	DUNLIN	<i>CALIDRIS ALPINA</i>
PLDU	DUNN'S SALAMANDER	<i>PLETHODON DUNNI</i>
BRCAO	DUSKY CANADA GOOSE	<i>BRANTA CANADENSIS OCCIDENTALIS</i>
EMOB	DUSKY FLYCATCHER	<i>EMPIDONAX OBERHOLSERI</i>
SOMO	DUSKY SHREW	<i>SOREX MONTICOLUS</i>
NEFU	DUSKY-FOOTED WOODRAT	<i>NEOTOMA FUSCIPES</i>
PODNI	EARED GREBE	<i>PODICEPS NIGRICOLLIS</i>
SYFL	EASTERN COTTONTAIL	<i>SYLVILAGUS FLORIDANUS</i>
TYTY	EASTERN KINGBIRD	<i>TYRANNUS TYRANNUS</i>

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EVCOCO	EASTERN TAILED BLUE	EVERES COMYNTAS COMYNTAS
PAGL	EASTERN TIGER SWALLOWTAIL	PAPILIO GLAUCUS CANADENSIS
MEGASI	EASTERN WILD TURKEY	MELEAGRIS GALLOPAVO SILVESTRIS
LYED	EDITH'S COPPER	LYCAENA EDITHA EDITHA
SPEG	EGLEIS FRITILLARY	SPEYERIA EGLEIS OWENI
SPEGM	EGLEIS FRITILLARY	SPEYERIA EGLEIS MCDUNNOOUGHI
CEEL	ELK	CERVUS ELAPHUS
CHCAN	EMPEROR GOOSE	CHEN CANAGICA
ENES	ENSATINA	ENSATINA ESCHSCHOLTZI
MUER	ERMINE	MUSTELA ERMINEA
THPA	EULACHON	THALEICHTHYS PACIFICUS
EUMO	EURASIAN DOTTEREL	CHARADRIUS MORINELLUS
ALAR	EURASIAN SKYLARK	ALAUDA ARVENSISS
ANPE	EURASIAN WIGEON	ANAS PENELOPE
ORCU	EUROPEAN RABBIT	ORYCTOLAGUS CUNICULUS
STVU	EUROPEAN STARLING	STURNUS VULGARIS
COVE	EVENING GROSBEAK	COCCOTHRAUSTES VESPERTINUS
PSCR	FALSE KILLER WHALE	PSEUDORCA CRASSIDENS
SOFE	FENDER'S SOLIPERLAN STONEFLY	SOLIPERLA FENDERI
BURE	FERRUGINOUS HAWK	BUTEO REGALIS
BAPH	FIN WHALE	BALAENOPTERA PHYSALUS
MAPE	FISHER	MARTES PENNANTI
OTFL	FLAMMULATED OWL	OTUS FLAMMEOLUS
PYOL	FLATHEAD CATFISH	PYLODICTIS OLIVARIS
PUCA	FLESH-FOOTED SHEARWATER	PUFFINUS CARNEIPES
OCFU	FORK-TAILED STORM-PETREL	OCEANODROMA FURCATA
STFO	FORSTER'S TERN	STERNA FORSTERI
PAIL	FOX SPARROW	PASSERELLA ILIACA
SCNI	FOX SQUIRREL	SCIURUS NIGER
LAPI	FRANKLIN'S GULL	LARUS PIPIXCAN
BOFR	FREYA'S FRITILLARY	BOLORIA FREIJA FREIJA
MYTH	FRINGED MYOTIS	MYOTIS THYSANODES
DEBI	FULVOUS WHISTLING DUCK	DENDROCYGNA BICOLOR
ANST	GADWALL	ANAS STREPERA
OAGA	GARITA SKIPPERLING	OARISMA GARITA
FINU	GIANT COLUMBIA RIVER LIMPET	FISHEROLA NUTTALLI
LICO	GIANT COLUMBIA SPIRE SNAIL	FLUMINICOLA COLUMBIANA
LAHY	GLAUCOUS GULL	LARUS HYPERBOREUS
LAGL	GLAUCOUS-WINGED GULL	LARUS GLAUCESCENS
AQCH	GOLDEN EAGLE	AQUILA CHRYSAETOS
HAGR	GOLDEN HAIRSTREAK	HABRODAIS GRUNUS HERRI
SAAG	GOLDEN TROUT	SALMO AGUABONITA
RESA	GOLDEN-CROWNED KINGLET	REGULUS SATRAPA
ZOAT	GOLDEN-CROWNED SPARROW	ZONOTRICHIA ATRICAPILLA
SPLA	GOLDEN-MANTLED GROUND SQUIRREL	SPERMOPHILUS LATERALIS
CAAU	GOLDFISH	CARASSIUS AURATUS
ZICA	GOOSE-BEAKED WHALE	ZIPHIUS CAVIROSTRIS
PICA	GOPHER SNAKE	PITUOPHIS CATENIFER
PIME	GOPHER SNAKE	PITUOPHIS CATENIFER
ESAN	GRASS PICKEREL	ESOX AMERICANUS
AMSA	GRASSHOPPER SPARROW	AMMODRAMUS SAVANNARUM
DUCA	GRAY CATBIRD	DUMETELLA CAROLINENSIS
EMWR	GRAY FLYCATCHER	EMPIDONAX WRIGHTII
PECA	GRAY JAY	PERISOREUS CANADENSIS

<u>CODE</u>	<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>
PEPE	GRAY PARTRIDGE	<i>PERDIX PERDIX</i>
SCCA	GRAY SQUIRREL	<i>SCIURUS CAROLINENSIS</i>
ESRO	GRAY WHALE	<i>ESCHRICHTIUS ROBUSTUS</i>
CALU	GRAY WOLF	<i>CANIS LUPUS</i>
LETE	GRAY-CROWNED ROSY FINCH	<i>LEUCOSTICTE TEPHROCOTIS</i>
MICA	GRAY-TAILED VOLE	<i>MICROTUS CANICAUDUS</i>
PEPA	GREAT BASIN POCKET MOUSE	<i>PEROGNATHUS PARVUS</i>
SPIN	GREAT BASIN SPADEFoot	<i>SPEA INTERMONTANA</i>
ARHE	GREAT BLUE HERON	<i>ARDEA HERODIAS</i>
CASAL	GREAT EGRET	<i>CASMERODIUS ALBUS</i>
STNE	GREAT GRAY OWL	<i>STRIX NEBULOSA</i>
OENEGI	GREAT GRAYLING	<i>OENEIS NEVADENSIS GIGAS</i>
BUVI	GREAT HORNED OWL	<i>BUBO VIRGINIANUS</i>
AYMA	GREATER SCAUP	<i>AYTHYA MARILA</i>
ANAL	GREATER WHITE-FRONTED GOOSE	<i>ANSER ALBIFRONS</i>
TRME	GREATER YELLOWLEGS	<i>TRINGA MELANOLEUCA</i>
RACL	GREEN FROG	<i>RANA CLAMITANS</i>
BUVIRE	GREEN HERON	<i>BUTORIDES VIRESSENS</i>
CLMY	GREEN SEA TURTLE	<i>CHELONIA MYDAS</i>
ACME	GREEN STURGEON	<i>ACIPENSER MEDIROSTRIS</i>
LECY	GREEN SUNFISH	<i>LEPOMIS CYANELLUS</i>
BUST	GREEN-BACKED HERON	<i>BUTORIDES STRIATUS</i>
PICH	GREEN-TAILED TOWHEE	<i>PIPILO CHLORURUS</i>
ANCR	GREEN-WINGED TEAL	<i>ANAS CRECCA</i>
URAR	GRIZZLY BEAR	<i>URSUS ARCTOS</i>
FARU	GYRFALCON	<i>FALCO RUSTICOLUS</i>
PIVI	HAIRY WOODPECKER	<i>PICOIDES VILLOSUS</i>
EMHA	HAMMOND'S FLYCATCHER	<i>EMPIDONAX HAMMONDII</i>
PHVI	HARBOR SEAL	<i>PHOCA VITULINA</i>
HIHI	HARLEQUIN DUCK	<i>HISTRIONICUS HISTRIONICUS</i>
ZOQU	HARRIS' SPARROW	<i>ZONOTRICHIA QUERULA</i>
EAHA	HATCH'S CLICK BEETLE	<i>EANUS HATCHII</i>
PHIN	HEATHER VOLE	<i>PHENACOMYS INTERMEDIUS</i>
LAHE	HEERMANN'S GULL	<i>LARUS HEERMANNI</i>
CAGU	HERMIT THRUSH	<i>CATHARUS GUTTATUS</i>
DEOC	HERMIT WARBLER	<i>DENDROICA OCCIDENTALIS</i>
LAAR	HERRING GULL	<i>LARUS ARGENTATUS</i>
PLAQ	HIGH MOUNTAIN BLUE	<i>AGRIADES GLANDON MEGALO</i>
LACI	HOARY BAT	<i>LASIURUS CINEREUS</i>
INPO	HOARY ELFIN	<i>INCISALIA POLIA OBSCURA</i>
MACA	HOARY MARMOT	<i>MARMOTA CALIGATA</i>
LOCUC	HOODED MERGANSER	<i>LOPHODYTES CUCULLATUS</i>
WICI	HOODED WARBLER	<i>WILSONIA CITRINA</i>
POAU	HORNED GREBE	<i>PODICEPS AURITUS</i>
ERAL	HORNED LARK	<i>EREMOPHILA ALPESTRIS</i>
FRCO	HORNED PUFFIN	<i>FRATERCULA CORNICULATA</i>
CARME	HOUSE FINCH	<i>CARPODACUS MEXICANUS</i>
MUMU	HOUSE MOUSE	<i>MUS MUSCUS</i>
PADO	HOUSE SPARROW	<i>PASSER DOMESTICUS</i>
TRAЕ	HOUSE WREN	<i>TROGLODYTES AEDON</i>
LIHA	HUDSONIAN GODWIT	<i>LIMOSA HAEMASTICTA</i>
MENO	HUMP-BACKED WHALE	<i>MEGAPTERA NOVAEANGLIAE</i>
VIHU	HUTTON'S VIREO	<i>VIREO HUTTONI</i>
SPHYRH	HYDASPE FRITILLARY	<i>SPEYERIA HYDASPE RHODOPE</i>

<u>CODE</u>	<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>
CAAF	IMMACULATE GREEN HAIRSTREAK	<i>CALLOPHRYS AFFINUS AFFINIS</i>
PACY	INDIGO BUNTING	<i>PASSERINA CYANEA</i>
COINS	ISLAND OCHRE RINGLET	<i>COENONYMPHA "TULLIA" INSULANA</i>
PAEB	IVORY GULL	<i>PAGOPHILA EBURNEA</i>
MIJO	JOHNSON'S (MISTLETOE) HAIRSTREAK	<i>MITOURA JOHNSONI</i>
HEJU	JUBA SKIPPER	<i>HESPERIA JUBA</i>
MISI	JUNIPER HAIRSTREAK	<i>MITOURA SIVA SSP.</i>
MYKE	KEEN'S MYOTIS	<i>MYOTIS KEENII</i>
CHVO	KILLDEER	<i>CHARADRIUS VOCIFERUS</i>
OROR	KILLER WHALE	<i>ORCINUS ORCA</i>
MIPEK	KINCAID'S MEADOW VOLE	<i>MICROTUS PENNSYLVANICUS KINKAIDI</i>
EUVEKI	KIOWA SKIPPER	<i>EUPHYES VESTRIS KIOWA</i>
BRBR	KITTLITZ'S MURRELET	<i>BRACHYRAMPHUS BREVIROSTRIS</i>
ONNELAN	KOKANEE (LANDLOCKED SOCKEYE)	<i>ONCHORYNCHUS NERKA</i>
CONA	LABRADOR SULPHUR	<i>COLIAS NASTES STRECKERI</i>
COPL	LAKE CHUB	<i>COUESIUS PLUMBEUS</i>
SANA	LAKE TROUT	<i>SALVELINUS NAMAYCUSH</i>
COCL	LAKE WHITEFISH	<i>COREGONUS CLUPEAFORMIS</i>
CALA	LAPLAND LONGSPUR	<i>CALCARIUS LAPONICUS</i>
PLLA	LARCH MOUNTAIN SALAMANDER	<i>PLETHODON LARSELLI</i>
MISA	LARGEMOUTH BASS	<i>MICROPTERUS SALMOIDES</i>
CAMA	LARGESCALE SUCKER	<i>CATOSTOMUS MACROCHEILUS</i>
CAME	LARK BUNTING	<i>CALAMOSPIZA MELANOCORYS</i>
CHGR	LARK SPARROW	<i>CHONDESTES GRAMMACUS</i>
LAAT	LAUGHING GULL	<i>LARUS ATRICILLA</i>
DIIM	LAYSAN ALBATROSS	<i>DIOMEDEA IMMUTABILIS</i>
PAAMO	LAZULI BUNTING	<i>PASSERINA AMOENA</i>
OCLE	LEACH'S STORM-PETREL	<i>OCEANODROMA LEUCORHOA</i>
TAMI	LEAST CHIPMUNK	<i>TAMIAS MINIMUS</i>
EMMI	LEAST FLYCATCHER	<i>EMPidonax MINimus</i>
CAMI	LEAST SANDPIPER	<i>CALIDRIS MINUTILLA</i>
STAN	LEAST TERN	<i>STERNA ANTILLARUM</i>
DECO	LEATHERBACK SEA TURTLE	<i>DERMOCHELYS CORIACEA</i>
AMLE	LECONTE'S SPARROW	<i>AMMOSPIZA LECONTEII</i>
RHFA	LEOPARD DACE	<i>RHINICHTHYS FALCATUS</i>
PLDO	LESSER GOLDEN-PLOVER	<i>PLUVIALIS DOMINICA</i>
CAPS	LESSER GOLDFINCH	<i>CARDUELIS PSALTRIA</i>
AYAF	LESSER SCAUP	<i>AYTHYA AFFINIS</i>
TRFL	LESSER YELLOWLEGS	<i>TRINGA FLAVIPES</i>
MELE	LEWIS' WOODPECKER	<i>MELANERPES LEWIS</i>
MELI	LINCOLN'S SPARROW	<i>MELOSPIZA LINCOLNII</i>
EGCA	LITTLE BLUE HERON	<i>EGRETTA CAERULEA</i>
MYLU	LITTLE BROWN MYOTIS	<i>MYOTIS LUCIFUGUS</i>
LAMI	LITTLE GULL	<i>LARUS MINUTUS</i>
CACAR	LOGGERHEAD SEA TURTLE	<i>CARETTA CARETTA</i>
LALU	LOGGERHEAD SHRIKE	<i>LANIUS LUDOVICIANUS</i>
NUAM	LONG-BILLED CURLEW	<i>NUMENIUS AMERICANUS</i>
LISC	LONG-BILLED DOWITCHER	<i>LIMNODROMUS SCOLOPACEUS</i>
POMY	LONG-DASH SKIPPER	<i>POLITES MYSTIC SSP.</i>
MYEV	LONG-EARED MYOTIS	<i>MYOTIS EVOTIS</i>
ASOT	LONG-EARED OWL	<i>ASIO OTUS</i>
DOID	LONG-HORNED LEAF BEETLE	<i>DONACIA IDOLA</i>
MYVO	LONG-LEGGED MYOTIS	<i>MYOTIS VOLANS</i>
PEOR	LONG-TAILED DEER MOUSE	<i>PEROMYSCUS OREAS</i>

<u>CODE</u>	<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>
STLO	LONG-TAILED JAEGER	<i>STERCORARIUS LONGICAUDUS</i>
MIVO	LONG-TAILED VOLE	<i>MICROTUS LONGICAUDUS</i>
MUFR	LONG-TAILED WEASEL	<i>MUSTELA FRENATA</i>
AMMA	LONG-TOED SALAMANDER	<i>AMBYSTOMA MACRODACTYLYM</i>
SPTH	LONGFIN SMELT	<i>SPIRINCHUS THALEICHTHYS</i>
RHCA	LONGNOSE DACE	<i>RHINICHTHYS CATARACTAE</i>
CACA	LONGNOSE SUCKER	<i>CATOSTOMUS CATOSTOMUS</i>
VUVUS	LOWLAND RED FOX	<i>VULPES VULPES SUBSPP</i>
LYCU	LUSTROUS COPPER	<i>LYCAENA CUPREA HENRYAE</i>
GOLY	LYNN'S CLUBTAIL	<i>GOMPHUS LYNNAE</i>
LYCA	LYNX	<i>LYNX CANADENSIS</i>
OPTO	MACGILLIVRAY'S WARBLER	<i>OPORORNIS TOLMIEI</i>
FRMA	MAGNIFICENT FRIGATEBIRD	<i>FREGATA MAGNIFICENS</i>
LYMACH	MAKAH COPPER (QUEEN CHARLOTTE COPPER)	<i>LYCAENA MARIPOSA CHARLOTTENSIS</i>
ANPL	MALLARD	<i>ANAS PLATYRHYNCHOS</i>
LIFE	MARBLED GODWIT	<i>LIMOSA FEDOA</i>
BRMA	MARBLED MURRELET	<i>BRACHYRAMPHUS MARMORATUS</i>
POMA	MARDON SKIPPER	<i>POLITES MARDON</i>
COMA	MARGINED SCULPIN	<i>COTTUS MARGINATUS</i>
CIPA	MARSH WREN	<i>CISTOTHORUS PALUSTRIS</i>
MAAM	MARTEN	<i>MARTES AMERICANA</i>
ZZZZ	MASKED SENSITIVE SPECIES	
SOCI	MASKED SHREW	<i>SOREX CINEREUS</i>
PLHY	MCKAY'S BUNTING	<i>PLECTROPHENAX HYPERBOREUS</i>
BOBE	MEADOW FRITILLARY	<i>BOLORIA BELLONA SSP.</i>
MIPE	MEADOW VOLE	<i>MICROTUS PENNSYLVANICUS</i>
OEME	MELISSA ARCTIC	<i>OENEIS MELISSA BEANII</i>
FACO	MERLIN	<i>FALCO COLUMBIARIUS</i>
SOME	MERRIAM'S SHREW	<i>SOREX MERRIAMI</i>
MEGAME	MERRIAM'S WILD TURKEY	<i>MELEAGRIS GALLOPAVO MERRIAMI</i>
LARCAN	MEW GULL	<i>LARUS CANUS</i>
MUVI	MINK	<i>MUSTELA VISON</i>
BAAC	MINKE WHALE	<i>BALAENOPTERA ACUTOROSTRATA</i>
MIMO	MONTANE VOLE	<i>MICROTUS MONTANUS</i>
MECA	MOORE'S BEAKED WHALE	<i>MESOPLODON CARLBUBBSI</i>
ALAL	MOOSE	<i>ALCES ALCES</i>
GAAF	MOSQUITOFISH	<i>GAMBUSIA AFFINIS</i>
INMOMO	MOSS ELFIN	<i>INCISALIA MOSSII MOSSII</i>
PTIN	MOTTLED PETREL	<i>PTERODROMA INEXPECTATA</i>
COBA	MOTTLED SCULPIN	<i>COTTUS BAIRDI</i>
APRU	MOUNTAIN BEAVER	<i>APLODONTIA RUFA</i>
SICU	MOUNTAIN BLUEBIRD	<i>SIALIA CURRUCOIDES</i>
RATA	MOUNTAIN CARIBOU	<i>RANGIFER TARANDUS</i>
PAGA	MOUNTAIN CHICKADEE	<i>PARUS GAMBELI</i>
ORAM	MOUNTAIN GOAT	<i>OREAMNOS AMERICANUS</i>
FECO	MOUNTAIN LION	<i>FELIS CONCOLOR</i>
CHMO	MOUNTAIN PLOVER	<i>CHARADRIUS MONTANUS</i>
ORPI	MOUNTAIN QUAIL	<i>OREORTYX PICTUS</i>
CAPL	MOUNTAIN SUCKER	<i>CATOSTOMUS PLATYRHYNCHUS</i>
PRWI	MOUNTAIN WHITEFISH	<i>PROSOPIMUM WILLIAMSONI</i>
ZEMA	MOURNING DOVE	<i>ZENAIDA MACROURA</i>
ODHE	MULE AND BLACK-TAILED DEER	<i>ODOCOILEUS HEMIONUS</i>
ODHEEH	MULE DEER	<i>ODOCOILEUS HEMIONUS HEMIONUS</i>
ONZI	MUSKRAT	<i>ONDATRA ZIBETHICUS</i>

<u>CODE</u>	<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>
VERU	NASHVILLE WARBLER	<i>VERMIVORA RUFICAPILLA</i>
HENE	NEVADA SKIPPER	<i>HESPERIA NEVADA</i>
ALNE	NEWCOMB'S LITTORINE SNAIL	<i>ALGAMORDA NEWCOMBIANA</i>
HYTO	NIGHT SNAKE	<i>HYPSIGLENA TORQUATA</i>
RHCASS	NOOKY DACE	<i>RHINICHTHYS CATARACTAE SSP.</i>
BEBA	NORTH PACIFIC BOTTLE-NOSED WHALE	<i>BERARDIUS BAIRDII</i>
ELCO	NORTHERN ALLIGATOR LIZARD	<i>ELGARIA COERULEA</i>
COVI	NORTHERN BOBWHITE	<i>COLINUS VIRGINIANUS</i>
SYBO	NORTHERN BOG LEMMING	<i>SYNAPTOMYS BOREALIS</i>
CHPAPA	NORTHERN CHECKERSPOT	<i>CHLOSYNE PALLA PALLA</i>
THPY	NORTHERN CLOUDY WING	<i>THORYBES PYLADES</i>
MIAN	NORTHERN ELEPHANT SEAL	<i>MIROUNGA ANGUSTIROSTRIS</i>
COAU	NORTHERN FLICKER	<i>COLAPTES AURATUS</i>
GLSA	NORTHERN FLYING SQUIRREL	<i>GLAUCOMYS SABRINUS</i>
FUGL	NORTHERN FULMAR	<i>FULMARUS GLACIALIS</i>
CAUR	NORTHERN FUR SEAL	<i>CALLORHINUS URSINUS</i>
ACGE	NORTHERN GOSHAWK	<i>ACCIPITER GENTILIS</i>
ONLE	NORTHERN GRASSHOPPER MOUSE	<i>ONYCHOMYS LEUCOGASTER</i>
CICY	NORTHERN HARRIER	<i>CIRCUS CYANEUS</i>
SUUL	NORTHERN HAWK-OWL	<i>SURNIA ULULA</i>
RAPI	NORTHERN LEOPARD FROG	<i>RANA PIPIENS</i>
MIPO	NORTHERN MOCKINGBIRD	<i>MIMUS POLYGLOTTOS</i>
ICGA	NORTHERN ORIOLE	<i>ICTERUS GALBULA</i>
PAAM	NORTHERN PARULA	<i>PARULA AMERICANA</i>
ESLU	NORTHERN PIKE	<i>ESOX LUCIUS</i>
ANAC	NORTHERN PINTAIL	<i>ANAS ACUTA</i>
THTA	NORTHERN POCKET GOPHER	<i>THOMOMYS TALPOIDES</i>
GLGN	NORTHERN PYGMY-OWL	<i>GLAUCIDIUM GNOMA</i>
LIBO	NORTHERN RIGHT-WHALE DOLPHIN	<i>LISSODELPHIS BOREALIS</i>
STSE	NORTHERN ROUGH-WINGED SWALLOW	<i>STELgidopteryx SERIIPENNIS</i>
AEAC	NORTHERN SAW-WHET OWL	<i>AEGOLIUS ACADICUS</i>
EUJU	NORTHERN SEA LION	<i>EUMETOPIUS JUBATUS</i>
ANCL	NORTHERN SHOVELER	<i>ANAS CLYPEATA</i>
LAEX	NORTHERN SHRIKE	<i>LANIUS EXCUBITOR</i>
PTOR	NORTHERN SQUAWFISH	<i>PTYCHOCEILUS OREGONENSIS</i>
SENO	NORTHERN WATERTHRUSH	<i>SEIURUS NOVEBORACENSIS</i>
ODVIO	NORTHWEST WHITE-TAILED DEER	<i>ODOCOILEUS VIRGINIANUS OCHROURUS</i>
COCA	NORTHWESTERN CROW	<i>CORVUS CAURINUS</i>
THOR	NORTHWESTERN GARTER SNAKE	<i>THAMNOPHIS ORDINOIDES</i>
AMGR	NORTHWESTERN SALAMANDER	<i>AMBystoma GRACILE</i>
RANO	NORWAY RAT	<i>RATTUS NORVEGICUS</i>
MYCO	NUTRIA	<i>MYOCASTOR COYPIUS</i>
SYNU	NUTTALL'S COTTONTAIL	<i>SYLVILAGUS NUTTALLII</i>
CLHY	OLDSQUAW	<i>CLANGULA HYEMALIS</i>
LEOL	OLIVE RIDLEY SEA TURTLE	<i>LEPIDOCHELYS OLIVACEA</i>
COBO	OLIVE-SIDED FLYCATCHER	<i>CONTOPUS BOREALIS</i>
MAOL	OLYMPIC MARMOT	<i>MARMOTA OLYMPUS</i>
NOHU	OLYMPIC MUDMINNOW	<i>NOVUMBRA HUBBSI</i>
THMAME	OLYMPIC POCKET GOPHER	<i>THOMOMYS MAZAMA MELANOPS</i>
RHOL	OLYMPIC SALAMANDER	<i>RHYACOTRITON OLYMPICUS</i>
VECE	ORANGE-CROWNED WARBLER	<i>VERMIVORA CELATA</i>
DIOR	ORD'S KANGAROO RAT	<i>DIPODOMYS ORDII</i>
POOR	OREAS ANGLEWING	<i>POLYGONIA OREAS</i>
HECOOR	OREGON BRANDED SKIPPER	<i>HESPERIA COMMA OREGONIA</i>

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CADUOR	OREGON GREEN HAIRSTREAK	<i>CALLOPHRYS DUMETORUM OREGONENSIS</i>
SPZPE	OREGON SILVERSPOOT	<i>SPEYERIA ZERENE</i>
SPZEH	OREGON SILVERSPOOT	<i>SPEYERIA ZERENE HIPPOLYTA</i>
RAPR	OREGON SPOTTED FROG	<i>RANA PRETIOSA</i>
POGRA	OREGON VESPER SPARROW	<i>POOECETES GRAMINEUS AFFINIS</i>
PAHA	OSPREY	<i>PANDION HALIAETUS</i>
SEAU	OVENBIRD	<i>SEIURUS AUROCILLUS</i>
DITE	PACIFIC GIANT SALAMANDER	<i>DICAMPTODON TENEBROSUS</i>
PLFU	PACIFIC GOLDEN-PLOVER	<i>PLUVIALIS FULVA</i>
PICACA	PACIFIC GOPHER SNAKE	<i>PITUOPHIS CATENIFER CATENIFER</i>
PIMEC	PACIFIC GOPHER SNAKE	<i>PITUOPHIS MELANOCECUS CATENIFER</i>
PHPH	PACIFIC HARBOR PORPOISE	<i>PHOCOENA PHOCOENA</i>
ZATR	PACIFIC JUMPING MOUSE	<i>ZAPUS TRINOTATUS</i>
ENTR	PACIFIC LAMPREY	<i>ENTOSPHENUS TRIDENTATUS</i>
GAPA	PACIFIC LOON	<i>GAVIA PACIFICA</i>
SOPAC	PACIFIC SHREW	<i>SOREX PACIFICUS</i>
LEAR	PACIFIC STAGHORN SCULPIN	<i>LEPTOCOTTUS ARMATUS</i>
HYRE	PACIFIC TREEFROG	<i>HYLA REGILLA</i>
SOBE	PACIFIC WATER SHREW	<i>SOREX BENDIRII</i>
LAOB	PACIFIC WHITE-SIDED DOLPHIN	<i>LAGENORHYNCHUS OBLIQUIDENS</i>
EMDI	PACIFIC-SLOPE FLYCATCHER	<i>EMPIDONAX DIFFICILLIS</i>
ERPA	PACUVIUS' DUSKYWING	<i>ERYNNIS PACUVIUS LILIUS</i>
CHPI	PAINTED TURTLE	<i>CHRYSEMYS PICTA</i>
PHPA	PALE CRESCENT	<i>PHYCIODES PALLIDUS BARNESI</i>
ANPA	PALLID BAT	<i>ANTROZOOUS PALLIDUS</i>
DEPA	PALM WARBLER	<i>DENDROICA PALMARUM</i>
CYPS	PARAKEET AUKLET	<i>CYCLORRHYNCHUS PSITTACULA</i>
STPA	PARASITIC JAEGER	<i>STERCORARIUS PARASITICUS</i>
PHPAS	PASCO PEARL CRESCENT	<i>PHYCIODES "THAROS" PASCOENSIS</i>
FAPEP	PEALE'S PEREGRINE FALCON	<i>FALCO PEREGRINUS PEALEI</i>
MYCA	PEAMOUTH	<i>MYLOCHEIUS CAURINUS</i>
CAMEL	PECTORAL SANDPIPER	<i>CALIDRIS MELANOTOS</i>
PHPEL	PELAGIC CORMORANT	<i>PHALACROCORAX PELAGICUS</i>
EUCHPE	PERDICCAS CHECKERSPOOT	<i>EUPHYDRAS CHALCEDONA PERDICCAS</i>
FAPE	PEREGRINE FALCON	<i>FALCO PEREGRINUS</i>
ERPE	PERSIUS' DUSKYWING	<i>ERYNNIS PERSIUS</i>
POPO	PIED-BILLED GREBE	<i>PODILYMBUS PODICEPS</i>
CECO	PIGEON GUILLEMOT	<i>CEPPHUS COLUMBA</i>
OCPR	PIKA	<i>OCHOTONA PRINCEPS</i>
DRPI	PILEATED WOODPECKER	<i>DRYOCOPUS PILEATUS</i>
PIEN	PINE GROSBEAK	<i>PINICOLA ENUCLEATOR</i>
CAPI	PINE SISKIN	<i>CARDUELIS PINUS</i>
ONGO	PINK SALMON	<i>ONCHORYNCHUS GORBUSCHA</i>
PUCR	PINK-FOOTED SHEARWATER	<i>PUFFINUS CREATOPUS</i>
GYCY	PINYON JAY	<i>GYMNORHINUS CYANOCEPHALUS</i>
COBE	PIUTE SCULPIN	<i>COTTUS BELDINGI</i>
STPO	POMARINE JAEGER	<i>STERCORARIUS POMARINUS</i>
PSSC	POND SLIDER	<i>PSEUDEMYS SCRIPTA</i>
ERDO	PORCUPINE	<i>ERETHIZON DORSATUM</i>
FAME	PRAIRIE FALCON	<i>FALCO MEXICANUS</i>
SOPR	PREBLES SHREW	<i>SOREX PREBLEI</i>
COAS	PRICKLY SCULPIN	<i>COTTUS ASPER</i>
ANAM	PRONGHORN	<i>ANTILOCAPRA AMERICANA</i>
ERPR	PROPERTIUS' DUSKYWING	<i>ERYNNIS PROPERTIUS</i>

<u>CODE</u>	<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>
PRCI	PROTHONOTARY WARBLER	<i>PROTONOTARIA CITREA</i>
PLICER	PUGET BLUE	<i>PLEBEJUS ICAROIDES ERYMUS</i>
SPLE	PUGET SOUND SILVERSPOOT	<i>SPEYERIA CYBELE PUGETENSIS</i>
LEGI	PUMPKINSEED	<i>LEPOMIS GIBBOSUS</i>
CARPU	PURPLE FINCH	<i>CARPODACUS PURPUREUS</i>
PRSU	PURPLE MARTIN	<i>PROgne SUBIS</i>
LYHE	PURPLISH COPPER	<i>LYCAENA HELLOIDES</i>
SIPY	PYGMY NUTHATCH	<i>SITTA PYGMAEA</i>
SYID	PYGMY RABBIT	<i>BRACHYLAGUS IDAHOENSIS</i>
SOHO	PYGMY SHREW	<i>SOREX HOYI</i>
KOBR	PYGMY SPERM WHALE	<i>KOGIA BREVICEPS</i>
PRCO	PYGMY WHITEFISH	<i>PROSOPIUM COULTERI</i>
PRLO	RACCOON	<i>PROCYON LOTOR</i>
COLCO	RACER	<i>COLUBER CONSTRCTOR</i>
ONMY	RAINBOW TROUT	<i>ONCORHYNCHUS MYKISS</i>
LABO	RED BAT	<i>LASIURUS BOREALIS</i>
LOXCU	RED CROSSBILL	<i>LOXIA CURVIROSTRA</i>
VUVU	RED FOX	<i>VULPES VULPES</i>
CACANU	RED KNOT	<i>CALIDRIS CANUTUS</i>
PHALFU	RED PHALAROPE	<i>PHALAROPUS FULICARIA</i>
TAHU	RED SQUIRREL	<i>TAMIASCIURUS HUDSONICUS</i>
PHAE	RED-BILLED TROPICBIRD	<i>PHAETHON AETHEREUS</i>
MESE	RED-BREASTED MERGANSER	<i>MERGUS SERRATOR</i>
SITCA	RED-BREASTED NUTHATCH	<i>SITTA CANADENSIS</i>
SPRU	RED-BREASTED SAPSUCKER	<i>SPHYRAPICUS RUBER</i>
VIOL	RED-EYED VIREO	<i>VIREO OLIVACEUS</i>
RAAU	RED-LEGGED FROG	<i>RANA AURORA</i>
RIBR	RED-LEGGED KITTIWAKE	<i>RISSA BREVIROSTRIS</i>
SPNU	RED-NAPED SAPSUCKER	<i>SPHYRAPICUS NUHALIS</i>
POGR	RED-NECKED GREBE	<i>PODICEPS GRISEGENA</i>
PHLO	RED-NECKED PHALAROPE	<i>PHALAROPUS LOBATUS</i>
BULI	RED-SHOULDERED HAWK	<i>BUTEO LINEATUS</i>
TARU	RED-TAILED CHIPMUNK	<i>TAMIAS RUFICAUDUS</i>
BUJA	RED-TAILED HAWK	<i>BUTEO JAMAICENSIS</i>
GAST	RED-THROATED LOON	<i>GAVIA STELLATA</i>
AGPH	RED-WINGED BLACKBIRD	<i>AGELAIUS PHOENICEUS</i>
AYAM	REDHEAD	<i>AYTHYA AMERICANA</i>
RIBA	REDSIDE SHINER	<i>RICHARDSONIUS BALTEATUS</i>
COPE	RETICULATE SCULPIN	<i>COTTUS PERPLEXUS</i>
CEMO	RHINOCEROS AUKLET	<i>CERORHINCA MONOCERATA</i>
COGU	RIFFLE SCULPIN	<i>COTTUS GULOSUS</i>
LADE	RING-BILLED GULL	<i>LARUS DELAWARENSIS</i>
AYCO	RING-NECKED DUCK	<i>AYTHYA COLLARIS</i>
PHCO	RING-NECKED PHEASANT	<i>PHASIANUS COLCHICUS</i>
DIPU	RING-NECKED SNAKE	<i>DIADOPHIS PUNCTATUS</i>
MEGAIN	RIO GRANDE WILD TURKEY	<i>MELEAGRIS GALLOPAVO INTERMEDIA</i>
GRGR	RISSO'S DOLPHIN	<i>GRAMPUS GRISEUS</i>
LAAY	RIVER LAMPREY	<i>LAMPETRA AYRESI</i>
LUCA	RIVER OTTER	<i>LUTRA CANADENSIS</i>
AMVI	ROADSIDE SKIPPER	<i>AMBLYSCIRTES VIALIS</i>
AMRU	ROCK BASS	<i>AMBLOPLITES RUPESTRIS</i>
COLI	ROCK DOVE	<i>COLUMBA LIVIA</i>
CAPT	ROCK SANDPIPER	<i>CALIDRIS PTILOCNEMIS</i>
SAOB	ROCK WREN	<i>SALPINCTES OBSOLETUS</i>

<u>CODE</u>	<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>
OVCACAN	ROCKY MOUNTAIN BIGHORN SHEEP	<i>OVIS CANADENSIS CANADENSIS</i>
CEELN	ROCKY MOUNTAIN ELK	<i>CERVUS ELAPHUS NELSONI</i>
CEELR	ROOSEVELT ELK	<i>CERVUS ELAPHUS ROOSEVELTI</i>
PHLU	ROSE-BREASTED GROSBEAK	<i>PHEUCTICUS LUDOVICIANUS</i>
CHRO	ROSS' GOOSE	<i>CHEN ROSSII</i>
LEUAR	ROSY FINCH	<i>LEUCOSTICTE ARCTOA</i>
BULA	ROUGH-LEGGED HAWK	<i>BUTEO LAGOPUS</i>
TAGR	ROUGHSKIN NEWT	<i>TARICHA GRANULOSA</i>
THMAG	ROY PRAIRIE POCKET GOPHER	<i>THOMOMYS MAZAMA GLACIALIS</i>
CHBO	RUBBER BOA	<i>CHARINA BOTTAE</i>
RECA	RUBY-CROWNED KINGLET	<i>REGULUS CALENDULA</i>
LYRUPE	RUDDY COPPER	<i>LYCAENA RUBIDA PERKINSORUM</i>
OXJA	RUDDY DUCK	<i>OXYURA JAMAICENSIS</i>
AREIN	RUDDY TURNSTONE	<i>ARENARIA INTERPRES</i>
PHPU	RUFF	<i>PHILOMACHUS PUGNAX</i>
BOUM	RUFFED GROUSE	<i>BONASA UMBELLUS</i>
SERUF	RUFOUS HUMMINGBIRD	<i>SELASPHORUS RUFUS</i>
PIER	RUFOUS-SIDED TOWHEE	<i>PIPILO ERYTHROPHTHALMUS</i>
EUCA	RUSTY BLACKBIRD	<i>EUPHAGUS CAROLINUS</i>
XESA	SABINE'S GULL	<i>XEMA SABINI</i>
DEDE	SADDLE-BACKED DOLPHIN	<i>DELPHINUS DELPHIS</i>
CEUR	SAGE GROUSE	<i>CENTROCERCUS UROPHASIANUS</i>
AMBE	SAGE SPARROW	<i>AMPHISPiza BELLi</i>
ORMO	SAGE THRASHER	<i>OREOSCOPTES MONTANUS</i>
SCGRA	SAGEBRUSH LIZARD	<i>SCELOPORUS GRACIOSUS</i>
LACU	SAGEBRUSH VOLE	<i>LAGURUS CURTATUS</i>
CASP	SALISH SUCKER	<i>CATOSTOMUS SP.</i>
PETR	SAND ROLLER	<i>PERCOPSIS TRANSMONTANA</i>
CALAL	SANDERLING	<i>CALIDRIS ALBA</i>
GRCA	SANDHILL CRANE	<i>GRUS CANADENSIS</i>
PASA	SAVANNAH SPARROW	<i>PASSERULUS SANDWICHENSIS</i>
SAYSA	SAY'S PHOEBE	<i>SAYORNIS SAYA</i>
ICPA	SCOTT'S ORIOLE	<i>ICTERUS PARISORUM</i>
APCO	SCRUB JAY	<i>APHELOCOMA COERULESCENS</i>
ENLU	SEA OTTER	<i>ENHYDRA LUTRIS</i>
ENLULU	SEA OTTER	<i>ENHYDRA LUTRIS LUTRIS</i>
ENLUNE	SEA OTTER	<i>ENHYDRA LUTRIS NEREIS</i>
BABO	SEI WHALE	<i>BALAEOPTERA BOREALIS</i>
CHSE	SEMIPALMATED PLOVER	<i>CHARADRIUS SEMIPALMATUS</i>
CALPU	SEMIPALMATED SANDPIPER	<i>CALIDRIS PUSILLA</i>
ACST	SHARP-SHINNED HAWK	<i>ACCIPITER STRIATUS</i>
TYPH	SHARP-TAILED GROUSE	<i>TYMPANUCHUS PHASIANELLUS</i>
CAAC	SHARP-TAILED SANDPIPER	<i>CALIDRIS ACUMINATA</i>
CONTE	SHARP-TAILED SNAKE	<i>CONTIA TENUIS</i>
MITOPU	SHAW ISLAND VOLE	<i>MICROTUS TOWNSENDII PUGETI</i>
INERSH	SHELTON PINE ELFIN	<i>INCISALIA ERYPHON SHELTONENSIS</i>
THMAC	SHELTON POCKET GOPHER	<i>THOMOMYS MAZAMA COUCHI</i>
PACL	SHEPARD'S PARNASSIAN	<i>PARNASSIUS CLODIUS SHEPARDI</i>
CYAG	SHINER PERCH	<i>CYMATOGASTER AGGREGATA</i>
LIGR	SHORT-BILLED DOWITCHER	<i>LIMNODROMUS GRISEUS</i>
ASFL	SHORT-EARED OWL	<i>ASIO FLAMMEUS</i>
GLMA	SHORT-FINNED PILOT WHALE	<i>GLOBICEPHALA MACRORHYNCHUS</i>
PHDO	SHORT-HORNED LIZARD	<i>PHRYNOSOMA DOUGLASSI</i>
DIAL	SHORT-TAILED ALBATROSS	<i>DIOMEDEA ALBATRUS</i>

<u>CODE</u>	<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>
PUTE	SHORT-TAILED SHEARWATER	<i>PUFFINUS TENUIROSTRIS</i>
COCON	SHORTHEAD SCULPIN	<i>COTTUS CONFUSUS</i>
NEGI	SHREW-MOLE	<i>NEUROTRICHUS GIBBSII</i>
DICA	SHY ALBATROSS	<i>DIOMEDEA CAUTA</i>
UTST	SIDE-BLOTTCHED LIZARD	<i>UTA STANSBURIANA</i>
BOSE	SILVER-BORDERED BOG FRITILLARY	<i>BOLORIA SELENE ATROCOSTALIS</i>
LANO	SILVER-HAIRED BAT	<i>LASIONYCTERIS NOCTIVAGANS</i>
EPCLCA	SILVER-SPOTTED SKIPPER	<i>EPARGyreus CLARUS CALIFORNICUS</i>
COCOG	SLIMY SCULPIN	<i>COTTUS COGNATUS</i>
MYLE	SMALL-FOOTED MYOTIS	<i>MYOTIS LEIBII</i>
MIDO	SMALLMOUTH BASS	<i>MICROPTERUS DOLOMIEUI</i>
PLNI	SNOW BUNTING	<i>PLECTROPHENAX NIVALIS</i>
CHCAE	SNOW GOOSE	<i>CHEN CAERULESCENS</i>
EUCHWA	SNOWBERRY CHECKERSpot	<i>EUPHYDRYAS CHALCEDONA WALLACEensis</i>
LEAM	SNOWSHOE HARE	<i>LEPUS AMERICANUS</i>
EGTH	SNOWY EGRET	<i>EGRETTA THULA</i>
NYSC	SNOWY OWL	<i>NYCTEA SCANDIACA</i>
CHAL	SNOWY PLOVER	<i>CHARADRIUS ALEXANDRINUS</i>
ONNE	SOCKEYE SALMON	<i>ONCHORYNCHUS NERKA</i>
ONNEANA	SOCKEYE SALMON (ANADROMOUS)	<i>ONCHORYNCHUS NERKA</i>
ONNESNA	SOCKEYE SALMON (SNAKE R.)	<i>ONCHORYNCHUS NERKA</i>
TRS0	SOLITARY SANDPIPER	<i>TRINGA SOLITARIA</i>
VISO	SOLITARY VIREO	<i>VIREO SOLITARIUS</i>
MELME	SONG SPARROW	<i>MELOSPIZA MELODIA</i>
POSO	SONORA SKIPPER	<i>POLITES SONORA SONORA</i>
POSOS	SONORA SKIPPER	<i>POLITES SONORA SIRIS</i>
PUGR	SOOTY SHEARWATER	<i>PUFFINUS GRISEUS</i>
PORCA	SORA	<i>PORZANA CAROLINA</i>
CASK	SOUTH POLAR SKUA	<i>CATHARACTA SKUA</i>
ELMU	SOUTHERN ALLIGATOR LIZARD	<i>ELGARIA MULTICARINATA</i>
CLGA	SOUTHERN RED-BACKED VOLE	<i>CLETHRIONOMYS GAPPERI</i>
RHOS	SPECKLED DACE	<i>RHINICHTHYS OSCULUS</i>
PHMA	SPERM WHALE	<i>PHYSETER MACROCEPHALUS</i>
EUMA	SPOTTED BAT	<i>EUDERMA MACULATA</i>
STOC	SPOTTED OWL	<i>STRIX OCCIDENTALIS</i>
ACMA	SPOTTED SANDPIPER	<i>ACTITIS MACULARIA</i>
SPGR	SPOTTED SKUNK	<i>SPILOGALE GRACILIS</i>
DECA	SPRUCE GROUSE	<i>DENDRAGAPUS CANADENSIS</i>
PLST	STARRY FLOUNDER	<i>PLATICHTHYS STELLATUS</i>
CYST	STELLER'S JAY	<i>CYANOCITTA STELLERI</i>
CAHI	STILT SANDPIPER	<i>CALIDRIS HIMANTOPUS</i>
ERALS	STREAKED HORNERD LARK	<i>EREMOPHILA ALPESTRIS STRIGATA</i>
MOSA	STRIPED BASS	<i>MORONE SAXATILIS</i>
STCO	STRIPED DOLPHIN	<i>STENELLA COeruleoalba</i>
MEMEP	STRIPED SKUNK	<i>MEPHITIS MEPHITIS</i>
MATA	STRIPED WHIPSNAKE	<i>MASTICOPHIS TAENIATUS</i>
MEPE	SURF SCOTER	<i>MELANITTA PERSPICILLATA</i>
APVI	SURFBIRD	<i>APHRIZA VIRGATA</i>
BUSW	SWAINSON'S HAWK	<i>BUTEO SWAINSONI</i>
CAUS	SWAINSON'S THRUSH	<i>CATHARUS ustulatus</i>
MEGE	SWAMP SPARROW	<i>MELOSPIZA GEORGIANA</i>
SASY	SYLVAN HAIRSTREAK	<i>SATYRIUM SYLVINUM SYLVINUM</i>
SASYL	SYLVAN HAIRSTREAK	<i>SATYRIUM SYLVINUM PUTNAMI</i>
THMATA	TACOMA POCKET GOPHER	<i>THOMOMYS MAZAMA TACOMENSIS</i>

<u>CODE</u>	<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>
NOGY	TADPOLE MADTOM	<i>NOTURUS GYRINUS</i>
ASTR	TAILED FROG	<i>ASCAPHUS TRUEI</i>
BRCAT	TAVERNER'S CANADA GOOSE	<i>BRANTA CANADENSIS TAVERNERI</i>
POTH	TAWNY-EDGED SKIPPER	<i>POLITES THEMISTOCLES</i>
TITI	TENCH	<i>TINCA TINCA</i>
THMAT	TENINO POCKET GOPHER	<i>THOMOMYS MAZAMA TUMULI</i>
VEPE	TENNESSEE WARBLER	<i>VERMIVORA PEREGRINA</i>
LATH	THAYER'S GULL	<i>LARUS THAYERI</i>
URLO	THICK-BILLED MURRE	<i>URIA LOMVIA</i>
MISP	THICKET HAIRSTREAK	<i>MITOURA SPINETORUM SPINETORUM</i>
GAAC	THREE-SPINE STICKLEBACK	<i>GASTEROSTEUS ACULEATUS</i>
PITR	THREE-TOED WOODPECKER	<i>PICOIDES TRIDACTYLUS</i>
AMTI	TIGER SALAMANDER	<i>AMBYSTOMA TIGRINUM</i>
CORH	TORRENT SCULPIN	<i>COTTUS RHOTHEUS</i>
PLTO	TOWNSEND'S BIG-EARED BAT	<i>PLECOTUS TOWNSENDII</i>
PLTOP	TOWNSEND'S BIG-EARED BAT	<i>PLECOTUS TOWNSENDII PALLISCENS</i>
PLTOT	TOWNSEND'S BIG-EARED BAT	<i>PLECOTUS TOWNSENDII TOWNSENDII</i>
TATO	TOWNSEND'S CHIPMUNK	<i>TAMIAS TOWNSENDII</i>
SPTO	TOWNSEND'S GROUND SQUIRREL	<i>SPERMOPHILUS TOWNSENDII</i>
SCTO	TOWNSEND'S MOLE	<i>SCAPANUS TOWNSENDII</i>
MYTO	TOWNSEND'S SOLITAIRE	<i>MYADESTES TOWNSENDI</i>
MITO	TOWNSEND'S VOLE	<i>MICROTUS TOWNSENDII</i>
DETO	TOWNSEND'S WARBLER	<i>DENDROICA TOWNSENDI</i>
TABI	TREE SWALLOW	<i>TACHYCINETA BICOLOR</i>
TYME	TROPICAL KINGBIRD	<i>TYRANNUS MELANCHOLICUS</i>
SOTRO	TROWBRIDGE'S SHREW	<i>SOREX TROWBRIDGII</i>
CYBU	TRUMPETER SWAN	<i>CYGNUS BUCCINATOR</i>
AYFU	TUFTED DUCK	<i>AYTHYA FULIGULA</i>
FRCI	TUFTED PUFFIN	<i>FRATERCULA CIRRHATA</i>
GIBI	TUI CHUB	<i>GILA BICOLOR</i>
CYCO	TUNDRA SWAN	<i>CYGNUS COLUMBIANUS</i>
CAAUR	TURKEY VULTURE	<i>CATHARTES AURA</i>
BALO	UPLAND SANDPIPER	<i>BARTRAMIA LONGICAUDA</i>
SOVA	VAGRANT SHREW	<i>SOREX VAGRANS</i>
OECHV	VALERATA ARCTIC	<i>OENEIS CHRYXUS VALERATA</i>
SPZEBR	VALLEY SILVERSPOOT	<i>SPEYERIA ZERENE BREMNERII</i>
PLVA	VAN DYKE'S SALAMANDER	<i>PLETHODON VANDYKEI</i>
BRCAF	VANCOUVER CANADA GOOSE	<i>BRANTA CANADENSIS FULVA</i>
IXNA	VARIED THRUSH	<i>IXOREUS NAEVIUS</i>
CHVA	VAUX'S SWIFT	<i>CHAETURA VAUXI</i>
CAFU	VEERY	<i>CATHARUS FUSCESCENS</i>
POOGR	VESPER SPARROW	<i>POOECETES GRAMINEUS</i>
LIAR	VICEROY	<i>LIMENITIS ARCHIPPUS LAHONTANI</i>
TATH	VIOLET-GREEN SWALLOW	<i>TACHYCINETA THALASSINA</i>
DIVI	VIRGINIA OPOSSUM	<i>DIDELPHIS VIRGINIANA</i>
RALI	VIRGINIA RAIL	<i>RALLUS Limicola</i>
STVI	WALLEYE	<i>STIZOSTEDION VITREUM</i>
HEIN	WANDERING TATTLER	<i>HETEROSCELUS INCANUS</i>
VIGI	WARBLING VIREO	<i>VIREO GILVUS</i>
LEGU	WARMOUTH	<i>LEPOMIS GULOSUS</i>
SPWA	WASHINGTON GROUND SQUIRREL	<i>SPERMOPHILUS WASHINGTONI</i>
ANSP	WATER PIPIT	<i>ANTHUS SPINOLETTA</i>
SOPAL	WATER SHREW	<i>SOREX PALUSTRIS</i>
MIRI	WATER VOLE	<i>MICROTUS RICHARDSONI</i>

<u>CODE</u>	<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>
SIME	WESTERN BLUEBIRD	<i>SIALIA MEXICANA</i>
LARI	WESTERN BROOK LAMPREY	<i>LAMPETRA RICHARDSONI</i>
BRCAMO	WESTERN CANADA GOOSE	<i>BRANTA CANADENSIS MOFFITTI</i>
SCOC	WESTERN FENCE LIZARD	<i>SCELOPORUS OCCIDENTALIS</i>
SCGRI	WESTERN GRAY SQUIRREL	<i>SCIURUS GRISEUS</i>
AEOC	WESTERN GREBE	<i>AECHMOPHORUS OCCIDENTALIS</i>
LAOC	WESTERN GULL	<i>LARUS OCCIDENTALIS</i>
REME	WESTERN HARVEST MOUSE	<i>REITHRODONTOMYS MEGALOTIS</i>
ZAPR	WESTERN JUMPING MOUSE	<i>ZAPUS PRINCEPS</i>
TYVE	WESTERN KINGBIRD	<i>TYRANNUS VERTICALIS</i>
STUNE	WESTERN MEADOWLARK	<i>STURNELLA NEGLECTA</i>
PIHE	WESTERN PIPISTRELLE	<i>PIPISTRELLUS HESPERUS</i>
THMA	WESTERN POCKET GOPHER	<i>THOMOMYS MAZAMA</i>
CLMA	WESTERN POND TURTLE	<i>CLEMMLYS MARMORATA</i>
CRVI	WESTERN RATTLESNAKE	<i>CROTALUS VIRIDIS</i>
PLVE	WESTERN RED-BACKED SALAMANDER	<i>PLETHODON VEHICULUM</i>
CLCA	WESTERN RED-BACKED VOLE	<i>CLETHRIONOMYS CALIFORNICUS</i>
CAMAU	WESTERN SANDPIPER	<i>CALIDRIS MAURI</i>
OTKE	WESTERN SCREECH-OWL	<i>OTUS KENNICOTTII</i>
EUSK	WESTERN SKINK	<i>EUMECES SKILTONIANUS</i>
COOCOC	WESTERN SULPHUR	<i>COLIAS OCCIDENTALIS OCCIDENTALIS</i>
PILU	WESTERN TANAGER	<i>PIRANGA LUDOVICIANA</i>
THEL	WESTERN TERRESTRIAL GARTER SNAKE	<i>THAMNOPHIS ELEGANS</i>
BUBO	WESTERN TOAD	<i>BUFO BOREAS</i>
COSO	WESTERN WOOD-PEWEE	<i>CONTOPUS SORDIDULUS</i>
ONCLLE	WESTSLOPE CUTTHROAT	<i>ONCORHYNCHUS CLARKI LEWISI</i>
ONLEW	WESTSLOPE CUTTHROAT	<i>ONCORHYNCHUS LEWISI</i>
NUPH	WHIMBREL	<i>NUMENIUS PHAEOPUS</i>
POAN	WHITE CRAPPIE	<i>POMOXIS ANNULARIS</i>
THTAL	WHITE SALMON POCKET GOPHER	<i>THOMOMYS TALPOIDES LIMOSUS</i>
ACTR	WHITE STURGEON	<i>ACIPENSER TRANSMONTANUS</i>
SICAR	WHITE-BREASTED NUTHATCH	<i>SITTA CAROLINENSIS</i>
ZOLE	WHITE-CROWNED SPARROW	<i>ZONOTRICHIA LEUCOPHrys</i>
PLCH	WHITE-FACED IBIS	<i>PLEGADIS CHIHI</i>
PIAL	WHITE-HEADED WOODPECKER	<i>PICOIDES ALBOLARVATUS</i>
CAFUS	WHITE-RUMPED SANDPIPER	<i>CALIDRIS FUSCICOLLIS</i>
ODVI	WHITE-TAILED DEER	<i>ODOCOILEUS VIRGINIANUS</i>
LETO	WHITE-TAILED JACK RABBIT	<i>LEPUS TOWNSENDII</i>
ELLE	WHITE-TAILED KITE	<i>ELANUS LEUCURUS</i>
LALE	WHITE-TAILED PTARMIGAN	<i>LAGOPUS LEUCURUS</i>
ZOAL	WHITE-THROATED SPARROW	<i>ZONOTRICHIA ALBICOLLIS</i>
AESA	WHITE-THROATED SWIFT	<i>AERONAUTES SAXATALIS</i>
LOLE	WHITE-WINGED CROSSBILL	<i>LOXIA LEUCOPTERA</i>
ZEAS	WHITE-WINGED DOVE	<i>ZENAIDA ASIATICA</i>
MEFU	WHITE-WINGED SCOTER	<i>MELANITTA FUSCA</i>
EUEDYA	WHULGE CHECKERSpot (TAYLOR'S CHECKERSpot)	<i>EUPHYDRYAS EDITHA TAYLORI</i>
MEGA	WILD TURKEY	<i>MELEAGRIS GALLOPAVO</i>
CASE	WILLET	<i>CATOPTROPHORUS SEMIPALMATUS</i>
SPHTH	WILLIAMSON'S SAPSUCKER	<i>SPHYRAPICUS THYROIDEUS</i>
EMTR	WILLOW FLYCATCHER	<i>EMPidonax TRAILLII</i>
PHTR	WILSON'S PHALAROPE	<i>PHALAROPUS TRICOLOR</i>
WIPU	WILSON'S WARBLER	<i>WILSONIA PUSILLA</i>
TRTR	WINTER WREN	<i>TROGLODYTES TROGLODYTES</i>
GUGU	WOLVERINE	<i>GULO GULO</i>

<u>CODE</u>	<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>
AISP	WOOD DUCK	<i>AIX SPONSA</i>
RASY	WOOD FROG	<i>RANA SYLVATICA</i>
BUWO	WOODHOUSE'S TOAD	<i>BUFO WOODHOUSEI</i>
SYHY	XANTUS' MURRELET	<i>SYNTHLIBORAMPHUS HYPOLEUCUS</i>
ICNA	YELLOW BULLHEAD	<i>ICTALURUS NATALIS</i>
PEFL	YELLOW PERCH	<i>PERCA FLAVESCENS</i>
CONO	YELLOW RAIL	<i>COTURNICOPS NOVEBORACENSIS</i>
DEPE	YELLOW WARBLER	<i>DENDROICA PETECHIA</i>
MAFL	YELLOW-BELLIED MARMOT	<i>MARMOTA FLAVIVENTRIS</i>
COAM	YELLOW-BILLED CUCKOO	<i>COCCYZUS AMERICANUS</i>
GAAD	YELLOW-BILLED LOON	<i>GAVIA ADAMSII</i>
ICVI	YELLOW-BREASTED CHAT	<i>ICTERIA VIRENS</i>
XAXA	YELLOW-HEADED BLACKBIRD	<i>XANTHOCEPHALUS XANTHOCEPHALUS</i>
TAAM	YELLOW-PINE CHIPMUNK	<i>TAMIAS AMOENUS</i>
DECOR	YELLOW-RUMPED WARBLER	<i>DENDROICA CORONATA</i>
POCO	YELLOWPATCH SKIPPER	<i>POLITES CORAS</i>
MYYU	YUMA MYOTIS	<i>MYOTIS YUMANENSIS</i>
OCYU	YUMA SKIPPER	<i>OCHLODES YUMA</i>

Appendix B. Species Use Codes

- B Breeding occurrence
- CF Peregrine falcon cross foster site
- CR Communal roost
- E Peregrine falcon eyrie
- GR General range
- H Peregrine falcon hack site
- HO Haulout
- IO Individual occurrence
- IR Individual roost
- L Lek
- M Migration
- PA Parturition
- RC Regular concentration, relative size not indicated
- RI Regularly occurring individual
- RLC Regular large concentration
- RNG Range
- RSC Regular small concentration
- T Breeding territory

Appendix C. Habitat Codes

ALPINE	Alpine areas
ASPEN	Quaking Aspens stands
BAY	Bay/estuary (Coastal Zone Atlas - CZA)
CAVE	Caves
CLIFF	Cliff/bluff
DUNE	Sand dunes
EEL	Eelgrass meadows
ESTUR	Estuarine zone (CZA)
GRASS	Grasslands
ISLAND	Islands
JUNIP	Juniper savannah
KELP	Kelp beds
LAGOON	Lagoon (CZA)
MEADOW	Meadow
OAK	Oak woodland
OG	Old-growth/mature forest
POOL	Tide pools
PRAIR	Prairies
RIPAR	Riparian zones
RNOS	Rural natural open space
ROCKY	Rocky shores
SHRUB	Shrub-steppe
SLOUGH	Slough (CZA)
SNAG	Snag-rich areas
STEPPE	Steppe
TALUS	Talus
UNOS	Urban natural open space
WET	Wetlands. Discriminate coastal marsh by using land-use code 68, estuarine marsh, in the land-use field.

NOTE: Use the land-use section of the data form to indicate dominant vegetation/land-use.

Appendix D. Special Criteria Codes

- AS Artificial structure
- D Damage control area. Applies to an identified winter range where WDFW manages against the species. Could be applied to areas which were historical ranges but where management practices such as fencing now exclude wildlife use but may also be areas for potential WDFW acquisition.
- EW Elk wallow
- F Artificial feeding site
- HC Very high concentration. This applies to game species for which an identified concentration area is known and mapped and is significant, but there are areas where animals are extremely concentrated and identifiable. Mapped as a polygon within the winter range polygon.
- T Raptor territory; defended area around an active nest.

Appendix E. Special Species Codes

The following codes are used to identify species groups as an alternative to completing multiple forms for multiple species. These codes can be used when there is no management need to distinguish multiple species use of an area. If the area is used by a single species specific species codes from Appendix A are used.

BIGA	Big game (excluding species and limiting habitats defined as priority for other mapping phases, e.g. elk winter range)
CANED	Cavity-nesting ducks.
GREBE	Grebe species
GULL	Gull species
PENI	Pinnipeds
SEBI	Seabirds (excluding gulls)
SHBI	Shorebirds
SWAN	Swan species
WAFO	Waterfowl

Appendix F. Information Source Codes

GENERAL SOURCES

LIT	Literature
LOCAL	Local knowledge of individuals not involved professionally in fish and wildlife management.
PROF	Knowledge of one or more professionals working in fish and wildlife science.
SIGN	Vocalization, track, or other sign

MAPS

CZA	Coastal Zone Atlas of Washington, Washington Dept. of Ecology
GSMAP	United States Geologic Survey Maps (various scales)
DNRMAP	DNR Public Lands Maps (1:100,000)
BLMMAP	BLM Ownership Map (1:100,000 SCALE)
FSMAP	Forest Service maps

REMOTE SENSING

MSS	LANDSAT satellite MSS sensor
ORTHO	DNR, Forest Service, or other orthophoto
PHOTO	Photo interpreted from quality field photography
SAT	Satellite information other than spot or LANDSAT
SPOT	SPOT satellite
TM	LANDSAT satellite TM sensor

SURVEYS

BROOD	Brood survey
CALL	Survey call count/gobble route
DRIVE	Drive by survey
HERD	Herd composition count
HUNT	Hunter survey, field checks, report cards, etc.
NEST	Nest site survey
TELEM	Telemetry study/survey
TRAN	Non-winter transect survey
TREND	Regularly conducted survey to monitor trends
WTRAN	Winter transect survey

Appendix G. Example of Priority Habitats and Species Report

WASHINGTON DEPT OF FISH AND WILDLIFE
PRIORITY HABITATS AND SPECIES
Tabular Data Report - General Information - DRAFT
3/01/97

form: 901081	species/habitat: HALE	species use: B	season: SU	map accuracy: 1
	sitename: SAMMAMISH LAKE	BALD EAGLE TERRITORY		
	general description:	EAGLE TERRITORY IDENTIFIED IN 1982, ACTIVE AND PRODUCTIVE IN 1990.		
source:	WATSON, JIM, WDW	1990 PERSONAL OBSERVATIONS.	date: 05 90	code:
	synopsis: BREEDING SURVEYS, GROUND OBSERVATIONS-MANAGEMENT PLAN.			
form: 902050	species/habitat: UNOS	species use:	season:	map accuracy: 1
	sitename: BELLEVUE PARKS			
	general description:	CITY AND/OR COUNTY PARKS LOCATED IN BELLEVUE. ONLY THE PORTIONS WITH DESIRABLE WILDLIFE HABITAT ARE MAPPED. LAKE HILLS PARK CONTAINS SWETLANDS.		
source:	DNR ORTHOPHOTO, 1984.		date: 04 91	code: ORTHO
	synopsis: USED ORTHOPHOTO TO DELINEATE BOUNDARIES			
source:	THOMPSON, TRICIA, WDW;	PERSONAL OBSERVATION.	date: 040391	code: PROF
form: 902506	species/habitat: UNOS	species use:	season:	map accuracy: 0
	sitename: COUGAR MOUNTAIN WILDLAND PARK			
	general description:	LARGE BLOCK OF FORESTED PARKLAND. AREA IS MIXED FOREST WITH HIKING TRAILS. COVER IS PREDOMINATELY OLDER SECOND GROWTH OF NATURAL REPROD. ORIGIN.		
source:	NELSON, GUS, ISSAQAH PARKS DEPT;	PERSONAL OBSERVATION.	date: 03 91	code: PROF
	synopsis: NELSON IS INVOLVED IN THE REGIONAL PARK PLANNING EFFORT. HAS EYEWITNESS REPORTS OF BLACK-TAILED DEER, BLACK BEAR, OTHER LARGE & SMALL MAMMALS & MANY OTHER SPP.			

Appendix H. Example of Wildlife Heritage Report

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE (WDFW)
WILDLIFE HERITAGE (HRTG) GIS DATABASE REPORT
FOR 'EXAMPLE REPORT'
REPORT DATE: MARCH 01, 1997

WDFW WILDLIFE HERITAGE DATABASE REPORT FOR 4712251

quadpt: 4712251009 sppcode: HALE crit: B name: BALD EAGLE
year: 1990 class: SA accuracy: C state status: ST federal status: FT region: 5
township - range - section: T04N R01E S03 SW0FNW
general description:
Sammamish Lake Terr, nest in fir lower on slope than previous nest.

quadpt: 4712251011 sppcode: PAHA crit: B name: OSPREY
year: 1991 class: SA accuracy: C state status: SM federal status: region: 5
township - range - section: T04N R01E S14 E2
general description:
Osprey nest on old power-type poly in gravel mined area on sw side of e fk
Lewis River.

quadpt: 4712251014 sppcode: GRCA crit: RLC name: SANDHILL CRANE
year: 1990 class: SA accuracy: C state status: SE federal status: region: 5
township - range - section: T03N R01W S43 OFNW
general description:
Sandhill crane feeding area.

Appendix I. Hydrologic Unit Codes and Basin List

<u>Hydrologic Unit Code</u>	<u>Major River or Water Body</u>
Pend Oreille	
17010214	Blanchard Creek
17010215	Lower West Branch Priest River
17010216	Pend Oreille River
Spokane	
17010303	Lake Creek
17010305	Upper Spokane River
17010306	Hangman Creek
17010307	Lower Spokane River
17010308	Little Spokane River
Upper Columbia	
17020001	Franklin D. Roosevelt Lake
17020002	Kettle River
17020003	Colville River
17020004	Sanpoil River
17020005	Middle Columbia River (Wells Dam)
17020006	Okanogan River
17020007	Similkameen River
17020008	Methow River
17020009	Lake Chelan
17020010	Middle Columbia River (Rock Island Dam)
17020011	Wenatchee River
17020012	Moses Coulee
17020013	Crab Creek
17020014	Banks Lake
17020015	Lower Crab Creek
17020016	Middle Columbia River (Priest Rapids Dam)
Yakima	
17030001	Upper Yakima River
17030002	Naches River
17030003	Lower Yakima River
Snake	
17060103	Asotin Creek
17060106	Grande Ronde River
17060107	Snake River
17060108	Palouse River
17060109	Rock River
17060110	Lower Snake River (Ice Harbor Dam)

<u>Hydrologic Unit Code</u>	<u>Major River or Water Body</u>
Klickitat	
17070101	Lake Wallula
17070102	Walla Walla River
17070105	White Salmon River
17070106	Klickitat River
Cowlitz	
17080001	Washougal River
17080002	Lewis River
17080003	Kalama River
17080004	Upper Cowlitz River
17080005	Lower Cowlitz River
17080006	Grays River
Coast	
17100101	Hoh River
17100102	Quinault River
17100103	Upper Chehalis River
17100104	Lower Chehalis River
17100105	Humptulips River
17100106	Willapa River
Puget Sound	
17110001	Fraser River
17110002	Samish River
17110003	San Juan Islands
17110004	Nooksack River
17110005	Upper Skagit River
17110006	Sauk River
17110007	Lower Skagit River
17110008	Stillaguamish River
17110009	Skykomish River
17110010	Upper Snoqualmie River
17110011	Lower Snoqualmie River
17110012	Cedar River
17110013	Green River
17110014	Puyallup River
17110015	Nisqually River
17110016	Deschutes River
17110017	Skokomish River
17110018	Hood Canal
17110019	Puget Sound
17110020	Elwha River
17110021	Lake Cresent

Appendix J. WDFW Regional Contacts

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE REGIONAL HABITAT PROGRAM MANAGER CONTACTS

For assistance with Priority Habitats and Species Information contact a regional habitat program manager and they will direct your questions to a biologist.

County project is in...	Contact...
Asotin, Columbia, Ferry, Garfield Lincoln, John Andrews	
Pend Oreille, Spokane, Stevens, Walla Walla, Whitman	8702 North Division Street Spokane, WA 99218-1199 Phone: (509) 456-4082
Adams, Chelan, Douglas, Grant, Okanogan	Tracy Lloyd 1550 Alder Street NW Ephrata, WA 98823-9699 Phone: (509) 754-4624
Benton, Franklin, Kittitas, Yakima	Ted Clausing 1701 24th Avenue Yakima, WA 98902-5720 Phone: (509) 575-2740
Island, King, San Juan, Skagit, Snohomish, Whatcom	Ted Muller 16018 Mill Creek Blvd. Mill Creek, WA 98012-1296 Phone: (206) 775-1311
Clark, Cowlitz, Klickitat, Lewis, Skamania, Wahkiakum	Rich Costello 2108 Grand Blvd. Vancouver, WA 98661 Phone: (360) 696-6211
Clallam, Grays Harbor, Jefferson, Kitsap, Mason, Pacific, Pierce, Thurston	Steve Keller 48 Devonshire Road Montesano, WA 98563-9618 Phone: (360) 249-4628